

# Recombinant Human GTF2IRD1 protein, GST-tagged

**Cat. No.** GTF2IRD1-6765H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GTF2IRD1 protein(610-959 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 610-959 aa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | ISLRRPNCFGIAKLRKILEASNSIQFVIKRPELLTEGVKEPIVDSQGTASSLGFSPPALP<br>PERDSGDPLVDESLKRQGFQENYDARLSRIDIANLREQVQDLFNKKYGEALGIKYP<br>VQVPYKRIKSNPGSVIIIEGLPPGIPFRKPCTFGSQNLERILAVADKIKFTVTRPFQGLIP<br>KPDEDDANRLGEKVILREQVKELFNEKYGEALGLNRPVLVPYKLIRDSPDAVEVTGL<br>PDDIPFRNPNTYDIHRLEKILKAREHVRMVIINQLQPFAEICNDAKVPKADSSIPKRKR<br>KRVSEGENSVSSSSSSSSSSSSSNPDSVASANQISLVQWPMYMDYAGLNVQLPGPL<br>NY      |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

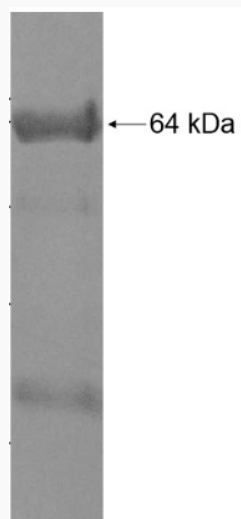
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution</b>   | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.                                                                                                                                                                                                                                                                                                                                                            |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>        | GTF2IRD1 GTF2I repeat domain containing 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b>  | GTF2IRD1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | GTF2IRD1; GTF2I repeat domain containing 1; GTF2I repeat domain containing 1 , WBSCR11; general transcription factor II-I repeat domain-containing protein 1; BEN; binding factor for early enhancer; Cream1; GTF3; MustRD1; RBAP2; WBSCR12; USE B1-binding protein; general transcription factor 3; general transcription factor III; slow-muscle-fiber enhancer-binding protein; Williams-Beuren syndrome chromosome region 11; williams-Beuren syndrome chromosomal region 12 protein; muscle TFII-I repeat domain-containing protein 1 alpha 1; WBS; CREAM1; MUSTRD1; WBSCR11; hMusTRD1alpha1; |
| <b>Gene ID</b>          | 9569                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>      | NM_001199207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>   | NP_001186136                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>              | 604318                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

UniProt ID

Q9UHL9

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA