

Recombinant Human GTF2IRD1, His-tagged

GTF2IRD1-13602H Human

Lot. No. (See product label)

Specification

Product Overview Recombinant Human GTF2IRD1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.

Description The protein encoded by this gene contains five GTF2I-like repeats and each repeat possesses a potential helix-loop-helix (HLH) motif. It may have the ability to interact with other HLH-proteins and function as a transcription factor or as a positive transcriptional regulator under the control of Retinoblastoma protein. This gene plays a role in craniofacial and cognitive development and mutations have been associated with Williams-Beuren syndrome, a multisystem developmental disorder caused by deletion of multiple genes at 7q11.23. Alternative splicing results in multiple transcript variants.

Source E.coli

Species Human

Tag His

Protein length 610-959a.a.

Storage The protein is stored in PBS buffer at -20. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

Gene Information

Gene Name [GTF2IRD1 GTF2I repeat domain containing 1 \[Homo sapiens \]](#)

Official Symbol GTF2IRD1

Synonyms 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;

Gene ID [9569](#)

mRNA Refseq [NM_001199207](#)

Protein Refseq [NP_001186136](#)

For Research Use Only

Creative BioMart. All rights reserved

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

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net

MIM [604318](#)

UniProt ID [Q9UHL9](#)

**Chromosome
Location** 7q11.23

Pathway Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;

Function DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;

For Research Use Only

Creative BioMart. All rights reserved
45-1 Ramsey Road, Shirley, NY 11967, USA
Tel: +1-631-559-9269 Fax: +1-631-938-8127
E-mail: info@creative-biomart.com
www.creativebiomart.net