

# Recombinant Human GTF2H2C protein, GST-tagged

**Cat. No.** GTF2H2C-13597H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GTF2H2C protein(1-395 aa), fused with N-terminal GST tag, was expressed in E.coli.                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-395 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>       | MDEEPERTKRWEGGYERTWEILKEDESGSLKATIEDILFKAKRKRVEHHGQVRLG<br>MMRHLYVVVDGSRTMEDQDLKPNRLTCTKLLEYFVEEYFDQNPISQIGIIVTKSKRA<br>EKLTELSGNPRKHITSKEAVDMTCHGEPSTLYNSLSMAMQTLKHMPGHTSREVLIIIF<br>SSLTTCDPSNIYDLIKTLKAAKIRVSVIGLSAEVRVCTVLARETGGTYHVILDESHYKEL<br>LTHHLSPPPASSSSSECSLIRMGFPQHTIASLSDQDAKPSFSMAHLDGNTPEGLTLGG<br>YFCPQCRAKYCELPVECKICGLTLVSAPHLARSYHHLFPLDAFQEIPLEEYNGERFC<br>YGCQGELKDQHVVYCAVCQNVFCVDCDFVHDSLHCCPGCIHKIPAPSGV |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                                                           |

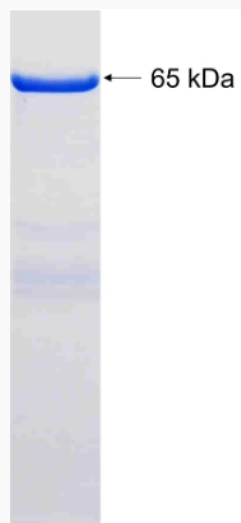
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|                         |                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>MIM-Weblink</b>      |                                                                                                                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>        | GTF2H2C general transcription factor IIH, polypeptide 2C [ Homo sapiens ]                                                                                                                                                                              |
| <b>Official Symbol</b>  | GTF2H2C                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | general transcription factor IIH, polypeptide 2C; 31394; Ensembl:ENSG00000183474; FLJ77682, MGC102806, MGC198575, DKFZp686P18101; general transcription factor IIH subunit 2-like protein;general transcription factor IIH polypeptide 2-like protein; |
| <b>Gene ID</b>          | 728340                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_001098728.1                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>   | NP_001092198.1                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>       | Q6P1K8                                                                                                                                                                                                                                                 |

## SDS-PAGE



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