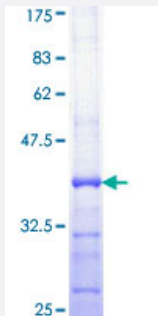


# GTF2H1 (Human) Recombinant Protein (Q01)

Catalog # H00002965-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                            |
|--------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human GTF2H1 partial ORF ( NP_005307, 449 a.a. - 548 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | INQMVPNDIQSELKHLVAVGELLRHFWSCFPVNTPFLEEKVVKMKSNLERFQVTKLCPFQEKIR<br>RQYLSTNLVSHIEEMLQTAYNKLHTWQSRRLMKKT    |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                      |
| <b>Theoretical MW (kDa)</b>          | 36.74                                                                                                      |
| <b>Interspecies Antigen Sequence</b> | Mouse (98); Rat (66)                                                                                       |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                      |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                          |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                   |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                            |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                     |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — GTF2H1

Entrez GeneID [2965](#)

GeneBank Accession# [NM\\_005316](#)

Protein Accession# [NP\\_005307](#)

Gene Name GTF2H1

Gene Alias BTF2, TFB1, TFIIH

Gene Description general transcription factor IIH, polypeptide 1, 62kDa

Omim ID [189972](#)

Gene Ontology [Hyperlink](#)

Gene Summary polypeptide 1

Other Designations general transcription factor IIH, polypeptide 1 (62kD subunit)

## Pathway

- [Basal transcription factors](#)
- [Nucleotide excision repair](#)

## Disease

- [Breast cancer](#)

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Werner syndrome](#)