

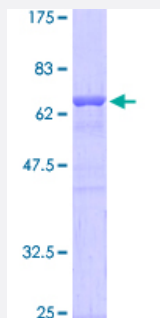
## Full-Length

# GTF2I (Human) Recombinant Protein (P02)

Catalog # H00002969-P02

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human GTF2I full-length ORF (AAH04472, 1 a.a. - 274 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MAQVAMSTLPVEDEESSESRMVVTFLLMSALESMCKELAKSKAEVACIAVYETDVFVVGTERGR  
AFVNTRKDFQKDFVKYCVVEEEKAAEMHKMKSTTQANRMSVDAVEIETLRKTVEDYFCFCYGKA  
LGKSTVVPVPYEKMLRDQSAVVVQGLPEGVAFKHPENYDLATLKWILENKAGVSFIKRPFLPKK  
HVGGRVMVTDADRSILSPGGSCGPIKVKTEPTEDSGISLEMAAVTVKEESEDPDYYQYNIQGS  
HH  
SSEGNEGTEMEVPAEG

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

55.88

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue

### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

### Note

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 — GTF2I

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">2969</a>                                                                                                                                                                                                                                                                                                                                                                                               |
| GeneBank Accession# | <a href="#">BC004472</a>                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Accession#  | <a href="#">AAH04472</a>                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Name           | GTF2I                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Alias          | BAP-135, BAP135, BTKAP1, DWS, FLJ38776, FLJ56355, IB291, SPIN, TFII-I, WBS, WBSCR6                                                                                                                                                                                                                                                                                                                                 |
| Gene Description    | general transcription factor II, i                                                                                                                                                                                                                                                                                                                                                                                 |
| Omim ID             | <a href="#">194050 601679</a>                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Summary        | This gene encodes a multifunctional phosphoprotein with roles in transcription and signal transduction. It is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 7, 13 and 21. [provided by RefSeq] |
| Other Designations  | BTK-associated protein, 135kD Bruton tyrosine kinase-associated protein 135 Williams-Beuren syndrome chromosome region 6                                                                                                                                                                                                                                                                                           |

## Pathway

- [Basal transcription factors](#)