

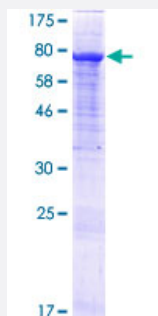
## Full-Length

# GTF2IRD2 (Human) Recombinant Protein (P01)

Catalog # H00084163-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human GTF2IRD2 full-length ORF ( AAH67859.1, 1 a.a. - 498 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MAQVAVSTLPVEEESSETRMVVTFVLVSALESMCKELAKSKAEVACIAVYETDVFVVGTERGCA  
FVNARTDFQKDFAKYCVAEGLCEVKPPCPVNGMQVHSGETEILRKAVEDYFCFCYGKALGTTVM  
VPVPYEKMLRDQSAVVVQGLPEGVAFQHPENYDLATLKWILENKAGISFIINRPFLGPESQLGGPG  
MVTDAERSVSPSESCGPINVKTEPMEDSGISLKAEAVSVKKESEDPNYYQYNMQGSHPSSTSNE  
VIEMELPMEDSTPLVPSEEPNEDPEAEVKIEGNTNSSSVTNSAAGVEDLNVQVTPDNEKERLS  
SIEKIKQLREQVNDLFSRKFGAIGVDFPVKVPYRKITFNPGCVVIDGMPPGVVFKAPGYLEISSMR  
RILEAAEFIKFTVIRPLPGLLSNGLLEAGAGLLEAGSLRPAWATWQDPISKNLKISWKQWLTPV  
APATWQAEAGGSLELRSLRQQRTIILHSSLGDRTRPCL

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

80.8

### 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 — GTF2IRD2

**Entrez GeneID**[84163](#)**GeneBank Accession#**[BC067859.1](#)**Protein Accession#**[AAH67859.1](#)**Gene Name**

GTF2IRD2

**Gene Alias**

FLJ21423, FLJ37938, FP630, GTF2IRD2A, MGC75203

**Gene Description**

GTF2I repeat domain containing 2

**Omim ID**[608899](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is unusual in that its coding sequence is mostly derived from Charlie8 repeat elements. However, there is mRNA and EST evidence to suggest that this gene is transcribed, and the encoded protein has a homolog in mouse, with which it shares 78% sequence identity. The exact function of this gene product is not known. It is inferred to be a transcription factor based on the presence of GTF2I-like repeats (containing helix-loop-helix motifs), also found in other proteins such as GTF2IRD1 and GTF2I. These three genes are clustered together on chr 7q11.23. [provided by RefSeq]

**Other Designations**

GTF2IRD2 alpha|general transcription factor II i repeat domain 2 alpha|transcription factor GTF2IRD2