

Recombinant Full Length Human GTF2IRD2 Protein, GST-tagged

Cat. No. GTF2IRD2-3408HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GTF2IRD2 full-length ORF (AAH67859.1, 1 a.a. - 498 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	498 amino acids
Description	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]
Molecular Mass	80.8 kDa
AA Sequence	MAQVAVSTLPVEEESSSETRMVVTFVLVSALESMCKELAKSKAEVACIAVYETDVFVV GTERGCAFNARTDFQKDFAKYCVAEGLCEVKPPCPVNGMQVHSGETEILRKAVE DYFCFCYGKALGTTVMVPVPYEKMLRDQSAVVVQGLPEGVAFQHPENYDLATLKW LENKAGISFIINRPFLGPESQLGGPGMVTDAERSIVSPSESCGPINVKTEPMEDSGISL

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KAEAVSVKKESEDPNYYQYNMQGSHPSSTSNEVIEMELPMEDSTPLVPSEEPNEDP
EAEVKIEGNTNSSSVTNSAAGVEDLNIVQVTPDNEKERLSSIEKIKQLREQVNDLFS
RKFGAIGVDFPVKVPYRKITFNPGCVVIDGMPPGVVFKAPGYLEISSMRRILEAAEFI
KFTVIRPLPGLELSNGLLEAGAGGLEAGSLRPAWATWQDPISTKNLKISWKQWLTP
VAPATWQAEAGGSLELRSLRQQRTIAILHSSLGDRTRPCL

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

GTF2IRD2 GTF2I repeat domain containing 2 [Homo sapiens]

Official Symbol

GTF2IRD2

Synonyms

GTF2IRD2; GTF2I repeat domain containing 2; general transcription factor II-I repeat domain-containing protein 2A; FLJ37938; GTF2IRD2A; transcription factor GTF2IRD2; GTF2IRD2 alpha; transcription factor GTF2IRD2-alpha; GTF2I repeat domain-containing protein 2A; general transcription factor II i repeat domain 2 alpha; FP630; FLJ21423; MGC75203;

Gene ID

84163

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mRNA Refseq	NM_173537
Protein Refseq	NP_775808
MIM	608899
UniProt ID	Q86UP8

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