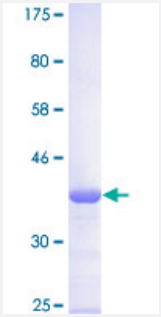
GTF2IRD1 (Human) Recombinant Protein (Q01)

Catalog # H00009569-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GTF2IRD1 partial ORF (NP_005676, 431 a.a. - 530 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IFTGNKFTKDTTKLEPASPPEDTSAEVSRATVLDLAGNARSDKGSMSEDCGPGTSGELGGLRPIKI EPEDLDIIQVTVPDPSPTSEEMTDSMPGHLPSED
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (84); Rat (86)
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 — GTF2IRD1

Entrez GeneID	9569
GeneBank Accession#	NM_005685
Protein Accession#	NP_005676
Gene Name	GTF2IRD1
Gene Alias	BEN, CREAM1, GTF3, MUSTRD1, RBAP2, WBS, WBSCR11, WBSCR12, hMusTRD1alpha1
Gene Description	GTF2I repeat domain containing 1
Omim ID	194050 604318
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene contains five GTF2I-like repeats and each repeat possesses a potential helix-loop-helix (HLH) motif. It may have the ability to interact with other HLH-proteins and function as a transcription factor or as a positive transcriptional regulator under the control of Retin oblastoma protein. This gene is deleted in Williams-Beuren syndrome, a multisystem developmen tal disorder caused by deletion of multiple genes at 7q11.23. Alternative splicing of this gene gen erates at least 2 transcript variants. [provided by RefSeq
Other Designations	GTF2I repeat domain-containing 1|Williams-Beuren syndrome chromosome region 11|binding fac tor for early enhancer|general transcription factor 3|muscle TFII-I repeat domain-containing protein 1 alpha 1

Pathway

- Basal transcription factors

Disease

- Celiac Disease
- Genetic Predisposition to Disease