

Recombinant Human GTF2IRD1 Protein, GST-tagged

Cat. No. GTF2IRD1-4457H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GTF2IRD1 full-length ORF (AAH18136, 1 a.a. - 959 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 Retinoblastoma protein. This gene is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by deletion of multiple genes at 7q11.23. Alternative splicing of this gene generates at least 2 transcript variants. [provided by RefSeq]
Molecular Mass	131.01 kDa
AA Sequence	MALLGKRCDVPTNGCGPDRWNSAFTRKDEIITSLVSALDSMCSALSKLNAEVACVA VHDESAFVVSTEKGRMFLNARKELQSDFLRFCRGPWWDPEAEHPKKVQRGEGG GRSLPRSSLEHGSDVYLLRKMVEEVFDVLYSEALGRASVPLPYERLLREPGLLAVQ GLPEGLAFRRPAEYDPKALMAILEHSHRIRFKLKRPLEDGGGRDSKALVELNGVSLIPK GSRDCGLHGQAPKVPPQDLPTATSSSMASFLYSTALPNHAIRELKQEAPSCPLAP SDLGLSRPMPEPKATGAQDFSDCCGQKPTGPGGPLIQNVHASKRILFSIVHDKSEK WDAFIKETEDINTLRECVQILFNSRYAEALGLDH MVPVPYRKIACDPEAVEIVGIPDKI

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PFKRPCTYGVPKLKRILEERHSIHFIKRMFDERIFTGNKFTKDTTKLEPASPPEDTSA
 EVSRATVLDLAGNARSDKGSMSEDCGPGTSGELGGLRPIKIEPEDLDIIQVTVDPDS
 PTSEEMTDSMPGHLPSSEDSGYGMEMLTDKGLSEDARPEERPVEDSHGDVIRPLRK
 QVELLFNTRYAKAIGISEPVKVPYSKFLMHPEELFVVGLEPISLRPNCFGIAKLRKI
 LEASNSIQFVIKRPELLTEGVKEPIVDSQGTASSLGFSPPALPPERDSGDPLVDESLK
 RQGFQENYDARLSRIDIANTLREQVQDLFNKKYGEALGIKYPVQVPYKRIKSNPGSVI
 IEGLPPIPRKPKCTFGSQNLERILAVADKIKFTVTRPFQGLIPKPDEDDANRLGEKVIL
 REQVKELFNEKYGEALGLNRPVLVPYKLIRDSPDAVEVTGLPDDIPFRNPNTYDIHRL
 EKILKAREHVRMVIINQLQPFAEICNDAKVPKDSIPKRKRKRVSSEGNSSSSSSSS
 SSSSSNPDSVASANQISFVQWPMYMYVDYAGLNVQLPGPLNY

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

GTF2IRD1 GTF2I repeat domain containing 1 [Homo sapiens]

Official Symbol

GTF2IRD1

Synonyms

GTF2IRD1; GTF2I repeat domain containing 1; GTF2I repeat domain containing 1 ,
 WBSCR11; general transcription factor II-I repeat domain-containing protein 1; BEN;
 binding factor for early enhancer; Cream1; GTF3; MustRD1; RBAP2; WBSCR12;

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USE B1-binding protein; general transcription factor 3; general transcription factor III; slow-muscle-fiber enhancer-binding protein; Williams-Beuren syndrome chromosome region 11; williams-Beuren syndrome chromosomal region 12 protein; muscle TFII-I repeat domain-containing protein 1 alpha 1; WBS; CREAM1; MUSTRD1; WBSCR11; hMusTRD1alpha1;

Gene ID [9569](#)

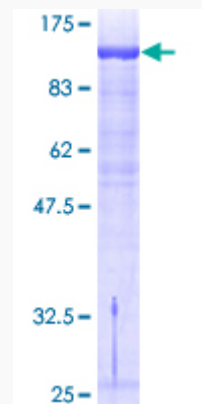
mRNA Refseq [NM_001199207](#)

Protein Refseq [NP_001186136](#)

MIM [604318](#)

UniProt ID [Q9UHL9](#)

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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