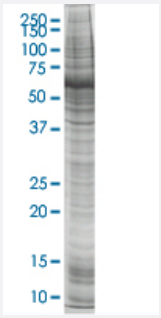
GTF2IRD1 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

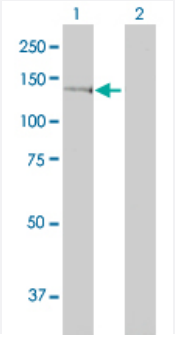
Catalog # L121T6 Size 100 ug

Applications



SDS-PAGE Gel

GTF2IRD1 transfected lysate



Western Blot

Lane 1: GTF2IRD1 transfected lysate (106 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-GTF2IRD1 full length
Host	Human
Theoretical MW (kDa)	106
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0. 1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	1.9 mg/ml

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-GTF2IRD1 antibody (H00009569-M01) by Western Blots. SDS-PAGE Gel GTF2IRD1 transfected lysate Western Blot Lane 1: GTF2IRD1 transfected lysate (106 KDa). Lane 2: Non-transfected lysate.
Recommend Usage	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
Storage Buffer	In modified RIPA Lysis Buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

  Protocol Download

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