

Recombinant Human GTF2IRD1 293 Cell Lysate

Cat. No. GTF2IRD1-5691HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for GTF2I repeat domain containing 1 (GTF2IRD1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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; 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_016328

Protein Refseq

NP_057412

MIM

604318

UniProt ID

Q9UHL9

**Chromosome
Location**

7q11.23

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Pathway	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem;
Function	DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;

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