

Recombinant Human TGIF1 293 Cell Lysate

Cat. No. TGIF1-1116HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for TGFB-induced factor homeobox 1 (TGIF1), transcript variant 3 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	TGIF1 TGFB-induced factor homeobox 1 [Homo sapiens]
Official Symbol	TGIF1
Synonyms	TGIF1; TGFB-induced factor homeobox 1; HPE4, TGFB induced factor (TALE family homeobox) , TGIF; homeobox protein TGIF1; homeobox protein TGIF; 5-TG-3 interacting factor; 5-TG-3-interacting factor 1; TALE homeobox TG-interacting factor; transforming growth factor-beta-induced factor; HPE4; TGIF; MGC5066; MGC39747;
Gene ID	7050
mRNA Refseq	NM_173208
Protein Refseq	NP_775300
MIM	602630
UniProt ID	Q15583
Chromosome Location	18p11.31
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Id Signaling Pathway, organism-specific biosystem; Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem; TGF Beta Signaling Pathway, organism-specific biosystem; TGF-beta Receptor Signaling

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Pathway, organism-specific biosystem;

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