

Recombinant Human TGIF2 293 Cell Lysate

Cat. No. TGIF2-1113HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for TGFB-induced factor homeobox 2 (TGIF2) 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

TGIF2 TGFB-induced factor homeobox 2 [Homo sapiens]

Official Symbol

TGIF2

Synonyms

TGIF2; TGFB-induced factor homeobox 2; TGFB induced factor 2 (TALE family homeobox); homeobox protein TGIF2; 5-TG-3 interacting factor 2; TGF-beta-induced transcription factor 2; TGF(beta)-induced transcription factor 2; TGFB-induced factor 2 (TALE family homeobox); transcription growth factor-beta-induced factor 2;

Gene ID

60436

mRNA Refseq

NM_001199513

Protein Refseq

NP_001186442

MIM

607294

UniProt ID

Q9GZN2

Chromosome Location

20q11.23

Pathway

Regulation of nuclear SMAD2/3 signaling, organism-specific biosystem;

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