

Recombinant Human TOB1 293 Cell Lysate

Cat. No. TOB1-875HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for transducer of ERBB2, 1 (TOB1) 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	TOB1 transducer of ERBB2, 1 [Homo sapiens]
Official Symbol	TOB1
Synonyms	TOB1; transducer of ERBB2, 1; TROB1; protein Tob1; TOB; TROB; transducer of erbB-2 1; proliferation-inducing gene 49; APRO6; PIG49; MGC34446; MGC104792;
Gene ID	10140
mRNA Refseq	NM_001243877
Protein Refseq	NP_001230806
MIM	605523
UniProt ID	P50616
Chromosome Location	17q21
Pathway	Diurnally regulated genes with circadian orthologs, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;

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