

Recombinant Human TMED2 293 Cell Lysate

Cat. No. TMED2-1025HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for transmembrane emp24 domain trafficking protein 2 (TMED2) 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

TMED2 transmembrane emp24 domain trafficking protein 2 [Homo sapiens]

Official Symbol

TMED2

Synonyms

TMED2; transmembrane emp24 domain trafficking protein 2; transmembrane emp24 domain-containing protein 2; P24A; RNP24; p24beta1; membrane protein p24A; p24 family protein beta-1; coated vesicle membrane protein; p24; FLJ21323;

Gene ID

10959

mRNA Refseq

NM_006815

Protein Refseq

NP_006806

UniProt ID

Q15363

Chromosome Location

12q24.31

Pathway

Pre-NOTCH Expression and Processing, organism-specific biosystem; Pre-NOTCH Processing in Golgi, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem;

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