

Recombinant Human TRIM25 293 Cell Lysate

Cat. No. TRIM25-788HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for tripartite motif-containing 25 (TRIM25) 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

TRIM25 tripartite motif containing 25 [Homo sapiens]

Official Symbol

TRIM25

Synonyms

TRIM25; tripartite motif containing 25; tripartite motif containing 25 , zinc finger protein 147 (estrogen responsive finger protein) , ZNF147; E3 ubiquitin/ISG15 ligase TRIM25; EFP; RNF147; RING finger protein 147; zinc finger protein-147; tripartite motif-containing 25; tripartite motif protein TRIM25; estrogen-responsive finger protein; tripartite motif-containing protein 25; ubiquitin/ISG15-conjugating enzyme TRIM25; zinc finger protein 147 (estrogen-responsive finger protein); Z147; ZNF147;

Gene ID

7706

mRNA Refseq

NM_005082

Protein Refseq

NP_005073

MIM

600453

UniProt ID

Q14258

Chromosome Location

17q23.1

Pathway

Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine

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Signaling in Immune system, organism-specific biosystem; ISG15 antiviral mechanism, organism-specific biosystem; Immune System, organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Innate Immune System, organism-specific biosystem;

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