Recombinant Human TRIM32 293 Cell Lysate

Cat. No. TRIM32-782HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for tripartite motif-containing 32 (TRIM32), transcript variant 1 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	TRIM32 tripartite motif containing 32 [Homo sapiens]
Official Symbol	TRIM32
Synonyms	TRIM32; tripartite motif containing 32; LGMD2H, limb girdle muscular dystrophy 2H (autosomal recessive) , tripartite motif containing 32; E3 ubiquitin-protein ligase TRIM32; BBS11; HT2A; TATIP; zinc finger protein HT2A; zinc-finger protein HT2A; 72 kDa Tat-interacting protein; TAT-interactive protein, 72-KD; tripartite motif-containing 32; tripartite motif-containing protein 32; LGMD2H;
Gene ID	22954
mRNA Refseq	NM_001099679
Protein Refseq	NP_001093149
MIM	602290
UniProt ID	Q13049
Chromosome Location	9q33.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I

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	MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem;

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