

Recombinant Human SMU1 293 Cell Lysate

Cat. No. SMU1-1649HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans) (SMU1) 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

SMU1 smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans) [Homo sapiens]

Official Symbol

SMU1

Synonyms

SMU1; smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans); WD40 repeat-containing protein SMU1; BWD; FLJ10805; fSAP57; functional spliceosome associated protein 57; SMU 1; brain-enriched WD-repeat protein; functional spliceosome-associated protein 57; smu-1 suppressor of mec-8 and unc-52 protein homolog; SMU-1; RP11-54K16.3; FLJ10870; FLJ11970; MGC117363; DKFZp761L0916;

Gene ID

55234

mRNA Refseq

NM_018225

Protein Refseq

NP_060695

UniProt ID

Q2TAY7

Chromosome Location

9p12

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