

Recombinant Human SMNDC1 293 Cell Lysate

Cat. No. SMNDC1-1658HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for survival motor neuron domain containing 1 (SMNDC1) 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

SMNDC1 survival motor neuron domain containing 1 [Homo sapiens]

Official Symbol

SMNDC1

Synonyms

SMNDC1; survival motor neuron domain containing 1; survival of motor neuron-related-splicing factor 30; SMNR; SPF30; splicing factor 30; survival of motor neuron related; SMN-related protein; 30 kDa splicing factor SMNrp; survival motor neuron domain-containing protein 1; splicing factor 30, survival of motor neuron-related;

Gene ID

10285

mRNA Refseq

NM_005871

Protein Refseq

NP_005862

MIM

603519

UniProt ID

O75940

Chromosome Location

10q23

Pathway

Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem;

Function

RNA binding; protein binding;

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