Recombinant Human SMNDC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SMNDC1-4433H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SMNDC1 MS Standard C13 and N15-labeled recombinant protein (NP_005862) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a paralog of SMN1 gene, which encodes the survival motor neuron protein, mutations in which are cause of autosomal recessive proximal spinal muscular atrophy. The protein encoded by this gene is a nuclear protein that has been identified as a constituent of the spliceosome complex. This gene is differentially expressed, with abundant levels in skeletal muscle, and may share similar cellular function as the SMN1 gene.
Molecular Mass	26.7 kDa
AA Sequence	MSEDLAKQLASYKAQLQQVEAALSGNGENEDLLKLKKDLQEVIELTKDLLSTQPSET LASSDSFASTQPTHSWKVGDKCMAVWSEDGQCYEAEIEEIDEENGTAAITFAGYGN AEVTPLLNLKPVEEGRKAKEDSGNKPMSKKEMIAQQREYKKKKALKKAQRIKELEQE REDQKVKWQQFNNRAYSKNKKGQVKRSIFASPESVTGKVGVGTCGIADKPMTQYQ DTSKYNVRHLMPQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

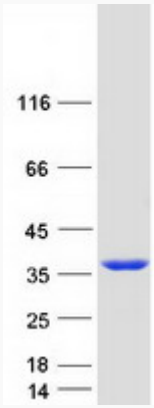
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SMNDC1 survival motor neuron domain containing 1 [Homo sapiens (human)]
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

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SDS-PAGE	

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