

Product datasheet for **TP303791**

SMNDC1 (NM_005871) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human survival motor neuron domain containing 1 (SMNDC1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203791 protein sequence Red =Cloning site Green =Tags(s)

MSEDLAKQLASYKAQLQQVEAALSGNGENEDLLKLLKDLQEVIELTKDLLSTQPSETLASSDSFASTQPT
HSWKVGDKCMVWSEHGQCYEAEIEEIDEENGTAITFAGYGNAEVTPLLNLKPVEEGRKAKEDSGNKPM
SKKEMIAQQREYKKKKALKKAQRIKELEQEREDQVKVWQQFNNRAYSKNKKGQVKRSIFASPEVTKGVG
VGTGCIADKPMTQYQDTSKYNVRHLMPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	26.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005862
Locus ID:	10285
UniProt ID:	O75940



[View online »](#)

RefSeq Size: 2043

Cytogenetics: 10q25.2

RefSeq ORF: 714

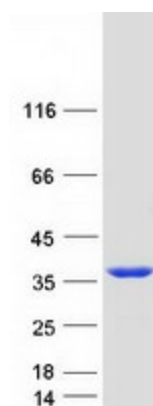
Synonyms: SMNR; SPF30; TDRD16C

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Stem cell - Pluripotency

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified SMNDC1 protein (Cat# TP303791). The protein was produced from HEK293T cells transfected with SMNDC1 cDNA clone (Cat# [RC203791]) using MegaTran 2.0 (Cat# [TT210002]).