



Recombinant Human Survival of motor neuron-related-splicing factor 30 (SMNDC1)

Product Code	CSB-EP021840HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75940
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSEDLAKQLA SYKAQLQQVE AALSGNGENE DLLKLLKDLQ EVIELTKDLL STQPSETLAS SDSFASTQPT HSWKVGDKCM AVWSEDGQCY EAEIEEIDEE NGTAAITFAG YGNAEVTPLL NLKPVVEEGRK AKEDSGNKPM SKKEMIAQQR EYKKKKALKK AQRKELEQE REDQKVKWQQ FNNRAYSKNK KGQVKRSIFA SPESVTGKVG VGTGCIADKP MTQYQDTSKY NVRHLMPQ
Source	E.coli
Target Names	SMNDC1
Protein Names	Recommended name: Survival of motor neuron-related-splicing factor 30 Alternative name(s): 30 kDa splicing factor SMNrp SMN-related protein Survival motor neuron domain-containing protein 1
Expression Region	1-238
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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. This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.