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Product datasheet for AR09747PU-N

SMNDC1 (1-238, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SMNDC1 (1-238, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSEDLAKQLA SYKAQLQQVE AALSGNGENE DLLKLKKDLQ EVIELTKDLL STQPSETLAS SDSFASTQPT HSWKVGDKCM AVWSEDGQCY EAEIEEIDEE NGTAAITFAG YGNAEVTPLL NLKPVEEGRK AKEDSGNKPM SKKEMIAQQR EYKKKKALKK AQRIKELEQE REDQKVKWQQ FNNRAYSKNK KGQVKRSIFA SPESVTGKVG VGTCGIADKP MTQYQDTSKY NVRHLMPQ
Tag:	His-tag
Predicted MW:	28.9 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SMNDC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_005862
Locus ID:	10285
UniProt ID:	O75940
Cytogenetics:	10q25.2
Synonyms:	SMNR; SPF30; TDRD16C

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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: