

Survival Motor Neuron Domain Containing 1 Human Recombinant

Item Number	rAP-3744
Synonyms	SMNR, SMN-related protein, SPF30, Survival Motor Neuron Domain Containing 1, 30kDa Splicing Factor SMNrp, Splicing Factor 30, Survival of Motor Neuron-related.
Description	SMNDC1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 258 amino acids (1-238a.a.) and having a molecular mass of 28.9kDa.SMNDC1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O75940
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MSEDLAKQLA SYKAQLQQVE AALSGNGENE DLLKLLKDLQ EVIELT-KDLL STQPSETLAS SDSFASTQPT HSWKVGDKCM AVWSEDGQCY EAEIEEIDEE NGTAAITFAG YG-NAEVTPLL NLKPVVEGRK AKEDSGNKPM SKKEMIAQQR EYKKKKALKK AQRIKELEQE REDQKVWQQ FNNRAYSKNK KGQVKRSIFA SPESVTGKVG VGTGCIADKP MTQYQDTSKY NVRHLMPQ
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.
Formulation and Purity	The SMNDC1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**