9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SMNDC1 Human

Survival Motor Neuron Domain Containing 1 Human Recombinant
RCP2134

Product Overview

Name	SMNDC1 Human

Description

Survival Motor Neuron Domain Containing 1 Human Recombinant

Accession (Primary)	O75940

Synonyms

SMNR, SMN-related protein, SPF30, Survival Motor Neuron Domain Containing 1, 30kDa Splicing Factor SMNrp, Splicing Factor 30, Survival of Motor Neuron-related.

Introduction

SMNDC1 is a vital splicing factor obligatory for spliceosome assembly which is a part of the SMN family. SMNDC1 has one Tudor domain with significant similarity to Survival Motor Neuron (SMN) and is expressed in heart, pancreas and skeletal muscle, localizing to Cajal bodies and nuclear speckles. Mutations in SMNDC1 are cause of autosomal recessive proximal spinal muscular atrophy.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The SMNDC1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 10% glycerol.

Stability

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MSEDLAKQLA SYKAQLQQVE AALSGNGENE DLLKLKKDLQ EVIELTKDLL STQPSETLAS SDSFASTQPT HSWKVGDKCM AVWSEDGQCY EAEIEEIDEE NGTAAITFAG YGNAEVTPLL NLKPVEEGRK AKEDSGNKPM SKKEMIAQQR EYKKKKALKK AQRIKELEQE REDQKVKWQQ FNNRAYSKNK

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KGQVKRSIFA SPESVTGKVG VGTCGIADKP MTQYQDTSKY NVRHLMPQ

Precautions

SMNDC1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O75940)