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SMNDC1, 1-238aa, Human, His tag, E.coli

产品货号: TP03970

第三版

别名: Survival of motor neuron-related-splicing factor 30, Survival of motor neuron-related-splicing factor 30

描述: SMNDC1 (survival motor neuron domain containing 1) is an essential splicing factor required for spliceosome assembly that belongs to the SMN family. It contains one Tudor domain with significant similarity to SMN (Survival Motor Neuron) and is expressed in skeletal muscle, pancreas and heart, localizing to Cajal bodies and nuclear speckles. Mutations in which are cause of autosomal recessive proximal spinal muscular atrophy. Recombinant human SMNDC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl

分子量: 28.9kDa (258aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSEDLAKQLASYKAQLQQVEAALSGNGENEDLLKLLKDLQEVIELTKDLLSTQPSETLAS
SDSFASTQPTHSWKVGDKCMVWSEGDGQCYEAEIEEIDEENGTAAITFAGYGNAEVTPLLNLKPVEEGRKAKEDSGNKP
MSKKEMIAQQREYKKKKALKKAQRILEQEREDQVKVWQQFNNRAYSKNKKGQVKRSIFASPESVTGKVGVTGCGIA
DKPMTQYQDTSKYNVRHLMPQ

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.