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RTN4IP1, 41-396aa, Human, His tag E.coli

产品货号: TP03809

第三版

别名:Reticulon-4-interacting protein 1, MGC12934, NIMP.

描述:RTN4IP1 is a novel mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. The interaction of reticulon 4 with mitochondrial proteins may provide insight into the mechanisms for reticulon-induced inhibition of neurite growth. Recombinant human RTN4IP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

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

分子量:41.4 kDa(379aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSTVMPAWVIDKYGKNEVLRFTQNMMPPIIHYPNEVIVKVHAASVNPIDVNMRSY  
GATALNMKRDPLHVKIKGEEFPLTLGRDVSGVVMCEGLDVKYFKPGDEVWAAVPPWKQGTLSFVVVSGNEVSHKPKS  
LTHTQAASLPYVALTAWSAINKVGGLNDKNCTGKRVLILGASGGVGTFAIQVMKAWDAHVTAVCSQDASELVRKLG  
DDVIDYKSGSVEEQLKSLKPFDFILDNVGGSTETWAPDFLKKWVGATYVTLVTPFLNMDRLGIADGMLQTGVTVGSKAL  
KHFWKGVHYRWAFFMASGPCLDDIAELVDAGKIRPVIEQTFPFSKVPEAFKVERGHARGKTVINVV

纯度:> 95% by HPLC

浓度:1.0 mg/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.