

## 32-4719: Recombinant Human Reticulon 4 Interacting Protein 1

**Alternative Name :** Reticulon-4-interacting protein 1 mitochondrial,NOGO-interacting mitochondrial protein,RTN4IP1,NIMP.

### Description

Source : E.coli. RTN4IP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 379 amino acids (41-396 a.a.) and having a molecular mass of 41.4kDa. RTN4IP1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. RTN4IP1 is a unique mitochondrial protein that interacts with reticulon 4, which is an effective inhibitor of regeneration ensuing spinal cord injury. The reticulon 4 interaction with mitochondrial proteins may offer insight into the mechanisms for reticulon-induced inhibition of neurite growth.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** RTN4IP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSTVMPAWV IDKYGKNEVL RFTQNMMMPI IHYPNEVIVK  
VHAASVNPID VNMRSYGAT ALNMKRDPLH VKIKGEEFPL TLGRDVSGVV MECGLDVKYF  
KPGDEVWAAV PPWKQGLTSE FVVVSGNEVS HKPKSLTHTQ AASLPYVALT AWSAINKVGG  
LNDKNCTGKR VLILGASGGV GTFAIQVMKA WDAHVTAVCS QDASELVRKL GADDVIDYKS GSVEEQLKSL  
KPFDFILDNV GGSTETWAPD FLKKWSGATY VTLVTPFLN MDRLGIADGM LQTGVTVGSK ALKHFVWKGVH  
YRWAFFMASG PCLDDIAELV DAGKIRPVIE QTFPFSKVPE AFLKVERGHA RGKTVINVV.