

## Reticulon 4 Interacting Protein 1 Human Recombinant

<b>Item Number</b>	rAP-3765
<b>Synonyms</b>	Reticulon-4-interacting protein 1 mitochondrial, NOGO-interacting mitochondrial protein, RTN4IP1, NIMP.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q8WWV3
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSTVMPAWV IDKYGKNEVL RFTQNMMPPI IHYPNEVIVK VHAASVNPID VNMRSYGAT ALNMKRDPLH VKIKGEEFPL TLGRDVSGVV MECGLDVKYF KPGDEVWAAV PPWKQGTLS FVVVSGNEVS HKPKSLTHTQ AASLPYVALT AWSAINKVGGLND- KNCTGKR VLILGASGGV GTFAIQVMKA WDAHVTAVCS QDASELVRKL GADDVIDYKS GSVVEEQLKSL KPFDFILDNV GGSTETWAPD FLKKWSGATY VTLVTPFLN MDRLGIADGM LQTGVTVGSK ALKHFWKGVH YRWAFFMASG PCLDDIAELV DAGKIRPVIE QTFFFSKVPE AFLKVERGHA RGKTVINVV.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	RTN4IP1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**