



Recombinant Human Reticulon-4-interacting protein 1, mitochondrial (RTN4IP1)

Product Code	CSB-MP848832HU
Abbreviation	RTN4IP1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8WWV3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	TVMPAWVIDK YGKNEVLRFT QNMMMPIIHY PNEVIVKVHA ASVNPIDVNM RSGYGATALN MKRDPLHVKI KGEEFPLTLG RDVSGVVMC GLDVKYFKPG DEVWAAVPPW KQGTLSFV VSGNEVSHKP KSLTHTQAAS LPYVALTAW AINKVGGLND KNCTGKRVLI LGASGGVGT AIQVMKAWDA HVTAVCSQDA SELVKRLGAD DVIDYKSGSV EEQLKSLKPF DFILDNVGGG TETWAPDFLK KWSGATYVTL VTPFLLNMDR LGIADGMLQT GVTVGSKALK HFWKGVHYRW AFFMASGPCL DDIAELVDAG KIRPVIEQTF PFSKVPEAFL KVERGHARGK TVINVV
Source	Mammalian cell
Target Names	RTN4IP1
Protein Names	Recommended name: Reticulon-4-interacting protein 1, mitochondrial Alternative name(s): NOGO-interacting mitochondrial protein
Expression Region	41-396
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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