



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

<b>Product Code</b>	CSB-MP848832HU
<b>Abbreviation</b>	RTN4IP1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8WWV3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	TVMPAWVIDK YGKNEVLRFT QNMMMPIIH Y PNEVIVKVHA ASVNPIDVNM RSGYGATALN MKRDPLHVKI KGEEFPLTLG RDVSGVMEC GLDVKYFKPG DEVWAAVPPW KQGTLSSEFVV VSGNEVSHKP KSLTHTQAAS LPYVALTAW AINKVGGGLND KNCTGKRVL I LGASGGVGT F AIQVMKA WDA HVTAVCSQDA SELVRKLGAD DVIDYKSGSV EEQLKSLKPF DFILDNVGGS TETWAPDFLK KWSGATYVTL VTPFLLNMDR LGIADGMLQT GVTVGSKALK HFWKGVHYRW AFFMASGPCL DDIAELVDAG KIRPVIEQTF PFSKVPEAFL KVERGHARGK TVINVV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	RTN4IP1
<b>Protein Names</b>	Recommended name: Reticulon-4-interacting protein 1, mitochondrial Alternative name(s): NOGO-interacting mitochondrial protein
<b>Expression Region</b>	41-396
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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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