



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

<b>Product Code</b>	CSB-EP848832HU
<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 QNMMMPIIHY PNEVIVKVHA ASVNPIDVNM RSGYGATALN MKRDPLHVKI KGEEFPLTLG RDVSGVVMC GLDVKYFKPG DEVWAAVPPW KQGTLSSEFVV VSGNEVSHKP KSLTHTQAAS LPYVALTAW AINKVGGGLND KNCTGKRVLI LGASGGVGTG AIQVMKAWDA HVTAVCSQDA SELVKRLGAD DVIDYKSGSV EEQLKSLKPF DFILDNVGGG TETWAPDFLK KWSGATYVTL VTPFLLNMDR LGIADGMLQT GVTVGSKALK HFWKGVHYRW AFFMASGPCL DDIAELVDAG KIRPVIEQTF PFSKVPEAFL KVERGHARGK TVINVV
<b>Source</b>	E.coli
<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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