

Recombinant Human RTN1 protein, GST-tagged

Cat. No. RTN1-5733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RTN1 protein(1-208 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-208 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MQATADSTKMDCVWSNWKSQAIDLLYWRDIKQTGIVFGSFLLLLFSLTQFSVSVVA YLALAALSATISFRIYKSVLQAVQKTDEGHPPFKAYLELEITLSQEIQKYTDCLQFYVN STLKELRRLFLVQDLVDSLKFVLMWLLTYVGALFNGLTLLLMAVVSMTLPVVYVKH QAQIDQYLGLVRTHINAVVAKIQAKIPGAKRHAE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

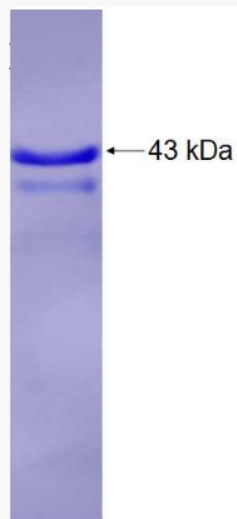
GENE INFORMATION

Gene Name	RTN1 reticulon 1 [Homo sapiens]
Official Symbol	RTN1
Synonyms	RTN1; reticulon 1; neuroendocrine specific protein , NSP; reticulon-1; neuroendocrine-specific protein; NSP; MGC133250;
Gene ID	6252
mRNA Refseq	NM_021136
Protein Refseq	NP_066959
MIM	600865
UniProt ID	Q16799

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SDS-PAGE

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