

Recombinant Full Length Human RTN1 Protein

Cat. No. RTN1-450HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Reticulon 1 Isoform 3 with an N-terminal proprietary tag; predicted MWt 48.99 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	208 amino acids
Description	This gene belongs to the family of reticulon encoding genes. Reticulons are associated with the endoplasmic reticulum, and are involved in neuroendocrine secretion or in membrane trafficking in neuroendocrine cells. This gene is considered to be a specific marker for neurological diseases and cancer, and is a potential molecular target for therapy. Alternative splicing results in multiple transcript variants.
Form	Liquid
Molecular Mass	48.990kDa inclusive of tags
AA Sequence	MQATADSTKMDCVWSNWKSQAIDLLYWRDIKQTGIVFGSF LLLFSLTQFSVSVV AYLALAALSATISFRIYKSVLQAV QKTDEGHPFKAYLELEITLSQEQIQKYTDCLQFYV NSTLK ELRRLFLVQDLVDSLKFAVLMWLLTYVGALFNGLTLLLMA VVSMFTLPVVVYV KHQAQIDQYLGLVRTHINAVVAKIQAKI PGAKRHAE
Purity	Proprietary Purification

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Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name RTN1 reticulon 1 [Homo sapiens]

Official Symbol RTN1

Synonyms RTN1; reticulon 1; neuroendocrine specific protein , NSP; reticulon-1

Gene ID 6252

mRNA Refseq NM_021136

Protein Refseq NP_066959

MIM 600865

UniProt ID Q16799

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