

# Recombinant Full Length Human RTN1 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Reticulon 1 Isoform 3 with an N-terminal proprietary tag; predicted MWt 48.99 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	208 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	48.990kDa inclusive of tags
<b>AA Sequence</b>	MQATADSTKMDCVWSNWKSQAIDLLYWRDIKQTGIVFGSF LLLLFSLTQFSVVSVV AYLALAALSATISFRIYKSVLQAV QKTDEGHPFKAYLELEITLSQEQIQKYTDCLQFYV NSTLK ELRRLFLVQDLVDSLKFAVLMWLLTYVGALFNGLTLLLMA VVSMFTLPVVVYV KHQAQIDQYLGLVRTHINAVVAKIQAKI PGAKRHAE
<b>Purity</b>	Proprietary Purification

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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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