

Datasheet for ABIN7551670

Reticulon 1 Protein (RTN1) (AA 1-776) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Reticulon 1 (RTN1)
Protein Characteristics:	AA 1-776
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Reticulon 1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RTN1 Protein expressed in mammalian cells.
Sequence:	<p>MAAPGDPQDE LLPLAGPGSQ WLRHRGEGEN EAVTPKGATP APQAGEPSPG LGARAREAAS REAGSGPARQ SPVAMETAST GVAGVSSAMD HTFSTTSKDG EGSCYTS LIS DICYPPEQDS TYFTGILQKE NGHVTISESP EELGTPGPSL PDVPGIESRG LFSSDSGIEM TPAESTEVENK ILADPLDQMK AEAYKYIDIT RPEEVKHQEQ HHPELEDKDL DFKNKDTDIS IKPEGVREPD KPAPVEGKII KDHILLEESTF APYIDDLSEE QRRAPQITTP VKITL TEIEP SVETTTQEK PEKQDICLKP SPDTVPTVTV SEPEDDSPGS ITPSSGTEP SAAESQGKGS ISEDELITAI KEAKGLSYET AENPRPVGQL ADRPEVKARS GPPTIPSPLD HEASSAESGD SEIELVSEDP MAAEDALPSG YVSFGHVGGP PPSPASPSIQ YSILREEREA ELDSELIIES CDASSASEES PKREQDSPPM KPSALDAIRE ETGVRAEERA PSRRGLAEPG SFLDYPSTEP QGPPELPPGD GALEPETPML PRKPEEDSSS NQSPAATKGP GPLGPGAPPP LLFLNKQKAI DILLYWRDIKQ TGIVFGSFL LLFSLTQFSV VSVVAYLALA ALSATISFRI YKSVLQAVQK TDEGHPFKAY</p>

Product Details

LELEITLSQE QIQKYTDCLQ FYVNSTLKEK RRLFLVQDLV DSLKFAVLMW LLTYVGFALFN
GLTLLMAVV SMFTLPVVVV KHQAQIDQYL GLVRTHINAV VAKIQAKIPG AKRHAE **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

Reticulon 1 (RTN1)

Alternative Name:

RTN1 ([RTN1 Products](#))

Background:

Reticulon-1 (Neuroendocrine-specific protein),FUNCTION: Inhibits amyloid precursor protein processing, probably by blocking BACE1 activity. {ECO:0000269|PubMed:15286784}.

Molecular Weight:

83.6 kDa

UniProt:

[Q16799](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months