

# Recombinant Full Length Pan Troglodytes Reticulon-1(Rtn1) Protein, His-Tagged

**Cat. No.** RFL25606PF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Pan troglodytes Reticulon-1(RTN1) Protein (Q5IS59) (1-776aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Pan troglodytes

### Source

E.coli

### ProteinLength

Full Length (1-776)

### Form

Lyophilized powder

### AA Sequence

MAAPGDPQDELLPLAGPGSQWLRDRGEGEDEAVTPKGATPAPQAGEPSPGLGAR  
 AREAAS REAGSGPARQSPVAMETASTGVAGVSSAMDHTFSTTSKDGEGSCYTSLI  
 SDICYPPQEDS TYFTGILQRENGHVTISESPEELGTPGSSLPDVPGIESRGLFSSDS  
 GIEMTPAESTEVENK ILADPLDQMKAAYKYIDITRPEEVKHQEQNHPELEDKDLDFK  
 NKDTDISIKPEGVREPD EPAPVEGKIIKDHLLEESTFAPYIDDLSEEQRRAPQITTPVKI  
 TLTEIEPSVETTTQEKT PEKQDICKPSPDTVPTVTVSEPEDDSPGSITPPSSGTEPS  
 AAESQGKGSISEDELITAI KEAKGLSYETAESPRVPGQLADRPEVKARSGPPTIPSPL  
 DHEASSAESGDSEIELVSEDP MAAEDALPSGYVSFGHVGGPPSPASPSIQYSILRE  
 EREAELDSELIIESCDASSASEES PKREQDSPPMKPGALDAIREETGVRAEERAPSR  
 RGLAEPASFLDYPSTEPQPGPELPPGD GALEPETPTLPRKPEEDASSHQSPAATKG  
 PGPLGPGAPPPLLFLNKQKAIIDLLYWRDIKQ TGIVFGSFLLLLFSLTQFSVSVVAYL  
 ALAALSATISFRIYKSVLQAVQKTDEGHPFKAY LELEITLSQEIQKYTDCLQFYVNST

 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

LKELRRRLFLVQDLVDSLKFAVLMWLLTYVGALFN GLTLLMVAVSMFTLPVVYVKHQ  
AQIDQYLGLVRTHINAVVAKIQAKIPGAKRHAE

**Purity** Greater than 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** 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.

## GENE INFORMATION

**Gene Name** RTN1

**Synonyms** RTN1; Reticulon-1

**UniProt ID** [Q5IS59](#)

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