

Product Information

MemDX™ Membrane Protein Human RTN2 (Reticulon 2) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1906K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human RTN2 membrane protein expressed *in vitro* *E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

RTN2

Protein Length

Full Length

Protein Class

Receptor

TMD

2

Sequence

MGQVLPVFAHCKEAPSTASSTPDSTEGGNDDSDFRELHTAREFSEEDEEETTSQDWGTPRELTFSYIAFDGVVGSGGRRDSTAR

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

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

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

RTN2

Full Name

Reticulon 2

Introduction

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. Reticulon proteins also play an important role in the replication of positive-strand RNA (ssRNA) viruses. Mutations at this locus have been associated with autosomal dominant spastic paraplegia-12.

Alternative Names

RTN2; NSP2; NSPL1; NSPLI; SPG12; NSP-like protein 1; NSP-like protein I; neuroendocrine-specific protein-like I; Reticulon 2

Gene ID

[6253](#)

UniProt ID

[Q75298](#)