

Product Information

MemDX™ Membrane Protein Human RTN1 (Reticulon 1) Full Length

Cat. No.: **MPC4148K**

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

This product is a made-to-order Human RTN1 membrane protein expressed in HEK293. 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

RTN1

Protein Length

Full length

Protein Class

Receptor

TMD

2

Sequence

MAAPGDPQDELLPLAGPGSQWLRHRGEGENEAVTPKGATPAPQAGEPSPG
LGARAREAASREAGSGPARQSPVAMETASTGVAGVSSAMDHTFSTTSKDG
EGSCYTSLISDICYPQEDSTYFTGILQKENGHVITISESPEELGTPGPSL
PDVPGIESRGLFSSDSGIEMTPAESTEVNKLADPLDQMKAAYKYIDIT
RPEEVKHQEQHHPELEDKDLDFKNKDTDISIKPEGVREPDKPAPVEGKII
KDHLLLEESTFAPYIDDLSEEQRRAPQITTPVKITLTEIEPSVETTTQEKT
PEKQDICKLKPSPDTVPTVTVSEPEDDSPGSITPPSSGTEPSAAESQKGKS
ISEDELITAIKEAKGLSYETAENPRPVGQLADRPEVKARSGPPTIPSPLD
HEASSAESGDSEIELVSEDPMMAEDALPSGYVSFGHVGGPPPPSPASPSIQ
YSILREEREAEALDSELIIESCDASSASEESPKREQDSPPMKPSALDAIRE
ETGVRAEERAPSRRLAEPGSFLDYPSTEPQPGPELPPGDGALEPETPML
PRKPEEDSSSNQSPAATKGPGPLGPGAPPPLLFLNKQKAIDLLYWRDIKQ
TGIVFGSFLLLFLSLTQFSVSVVAYLALAALSATISFRIYKSVLQAVQK
TDEGHPFKAYLELEITLSQEQIQKYTDCLQFYVNSTLKELRRLFLVQDLV
DSLKFVFLMWLLTYVGALFNGLTLLMAVVSMFTLPVVYVKHQAQIDQYL
GLVRTHINAVVAKIQAKIPGAKRHA

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

RTN1

Full Name

Reticulon 1

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. 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.

Alternative Names

RTN1; NSP; reticulon-1; neuroendocrine-specific protein; Reticulon 1

Gene ID

[6252](#)

UniProt ID

[Q16799](#)