RTN4RL1 cDNA Clone – Reticulon 4 Receptor-Like 1 (Human)

PRODUCT OVERVIEW

Product Name	RTN4RL1, cDNA Clone
Full Product Name	RTN4RL1 cDNA Clone
Product Gene Name	RTN4RL1 cdna clone
Sequence	ATGCTTCGCA AAGGGTGCTG TGTGGAGTTG CTGCTGCTGT TGGTAGCTGC GGAGCTGCCC CTGGGTGGTG GCTGCCCACG GGACTGTGTG TGCTACCCGG CGCCCATGAC GGTCAGCTGC CAGGCGCACA ACTTTGCAGC CATCCCGGAG GGCATCCCCG TGGACAGCGA GCGCGTCTTC CTGCAGAACA ACCGCATCGG CCTCCTCCAG CCCGGCCACT TCAGCCCCGC CATGGTCACC CTGTGGATCT ACTCGAACAA CATCACCTAC ATCCACCCCA GCACCTTCGA GGGCTTCGTG CACCTGGAGG AGCTGGACCT CGGCGACAAC CGGCAGCTGC GGACGCTGGC ACCCGAGACC TTCCAGGGCC TGGTGAAGCT TCACGCCCTC TACCTCTACA AGTGTGGGCT CAGCGCCTTG CCGGCCGGCG TCTTTGGCGG CCTGCACAGC CTGCAGTACC TCTACCTGCA GGACAACCAC ATCGAGTACC TCCAGGACGA CATCTTCGTG GACCTGGTCA ACCTCAGCCA CCTGTTTCTC CACGGCAACA AGCTGTGGAG TCTGGGCCCG GGCACCTTCC GGGGCCTGGT GAACCTGGAC CGTCTTTTGC TGCACGAGAA CCAGCTGCAG TGGGTCCACC ACAAGGCATT CCACGACCTC CGCAGGCTGA CCACCCTCTT CCTCTTCAAC AACAGCCTCT CGGAGCTGCA GGGTGAGTGC CTGGCCCCGC TGGGGGCCCT GGAGTTCCTC CGCCTCAATG GCAACCCCTG GGACTGTGGT TGTCGCGCGC GCTCCCTGTG GGAATGGCTG CAGAGGTTCC GGGGCTCCAG CTCCGCTGTC CCCTGTGTGT CCCCTGGGCT GCGGCACGGC CAGGACCTGA AGCTGCTGAG GGCCGAGGAC TTCCGGAACT GCACGGGACC AGCGTCCCCG CACCAGATCA AGTCACACAC GCTCACCACC ACCGACAGGG CCGCCCGCAA GGAACACCAC TCACCCCACG GCCCCACCAG GAGCAAGGGC CACCCGCACG GCCCCCGGCC CGGCCACAGG AAGCCGGGGA AGAACTGCAC CAACCCCAGG AACCGCAATC AGATCTCTAA GGCGGGCGCC GGGAAACAGG CCCCCGAGCT GCCAGACTAT GCCCCAGACT ACCAGCACAA GTTCAGTTTT GACATCATGC CTACGGCCCG GCCCAAGAGG AAGGGCAAGT GTGCCCGCAG GACCCCCATC CGTGCCCCCA GCGGGGTGCA GCAGGCCTCC TCGGCCAGTT CCCTGGGGGC CTCCCTCCTG GCCTGGACAC TGGGGCTGGC GGTCACTCTC CGCTGA
Molecular Weight	49,065 Da
OMIM	610461
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RTN4RL1 cdna clone	MBS1269803 is a cDNA clone targeting RTN4RL1.
Other Notes	Small volumes of RTN4RL1 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RTN4RL1. It may not necessarily be applicable to this product.

NCBI GI #	118764260
NCBI GeneID	146760
NCBI Accession #	BC128608
UniProt Secondary Accession #	Q8ND46; A1A5E3
UniProt Related Accession #	Q86UN2

NCBI Official Full Name	Homo sapiens reticulon 4 receptor-like 1, mRNA
NCBI Official Synonym Full Names	reticulon 4 receptor like 1
NCBI Official Symbol	RTN4RL1
NCBI Official Synonym Symbols	NgR3; NGRH2
UniProt Protein Name	Reticulon-4 receptor-like 1
UniProt Synonym Protein Names	Nogo receptor-like 2; Nogo-66 receptor homolog 2; Nogo-66 receptor-related protein 3; NgR3
Protein Family	Reticulon-4 receptor
UniProt Gene Name	RTN4RL1
UniProt Synonym Gene Names	NgR3
UniProt Entry Name	R4RL1_HUMAN
NCBI Protein Information	reticulon-4 receptor-like 1
UniProt Comments for RTN4RL1	RTN4RL1: May play a role in regulating axonal regeneration and plasticity in the adult central nervous system. Belongs to the Nogo receptor family. Protein type: Membrane protein, GPI anchor; Membrane protein, integral Chromosomal Location of Human Ortholog: 17p13.3 Cellular Component: anchored to plasma membrane; cell surface; cytoplasm Molecular Function: protein binding; protein kinase inhibitor activity; receptor activity Biological Process: axon regeneration; cytokine and chemokine mediated signaling pathway; negative regulation of JAK-STAT cascade; negative regulation of protein kinase activity
Research Articles on RTN4RL1	**1.** Nogo receptor 3, a paralog of NgR1,functions as a NgR1 co-receptor for Nogo-66.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/cdna-clone/rtn4rl1/1269803