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RTN4R Human

Reticulon 4 Receptor Human Recombinant
RCP1938

Product Overview

Name	RTN4R Human
Description	
Reticulon 4 Receptor Human Recombinant	
Accession (Primary)	Q9BZR6
Synonyms	
Reticulon 4 Receptor, Nogo-66 Receptor, Nogo Receptor, NOGOR, NGR , Reticulon-4 Receptor, UNQ330/PRO526.	
Introduction	
Reticulon 4 Receptor, also known as RTN4R, plays a role as a receptor for RTN4, OMG and MAG. RTN4R is a glycosylphosphoinositol (GPI)-anchored protein which is a part from the Nogo recptor family. RTN4R is expressed mainly in neurons and their axons and is regulates axonal regeneration and plasticity in the adult central nervous system. RTN4R is a potential drug target for treating various neurological cases such as spinal cord injury, CNS lesions, stroke and Alzheimer's disease.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RTN4R protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
CPGACVCYNE PKVTTSCPQQ GLQAVPVGIP AASQRIFLHG NRISHVPAAS FRACRNLTIL WLHSNVLARI DAAAFTGLAL LEQLDLSDNA QLRSVDPATF HGLGRLHTLH LDRCGLQELG PGLFRGLAAL QYLYLQDNAL QALPDDTFRD LGNLTHLFLH GNRISSVPER AFRGLHSLDR LLLHQNRVAH VHPHAFRDLG RLMTLYLFAN NLSALPTEAL APLRALQYLR LNDNPWVCDC RARPLWAWLQ KFRGSSSEVP CSLPQRLAGR DLKRLAANDL	

QGCAVATGPY HPIWTGRATD EEPLGLPKCC QPDAADKASV LEPGRPASAG NALKGRVPPG DSPPGNGSGP RHINDSPFGT LPGSAEPPLT AVRPEGSEPP GFPTSGPRRR PGCSRKNRTR SHCRLGQAGS GGGGTGDSEG S LEHHHHHH .

Precautions

RTN4R Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BZR6)