

Recombinant Mouse Rtn4r Protein (Cys27-Ser447), C-His tagged

Cat. No. Rtn4r-6756M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Rtn4r (Cys27-Ser447) fused with the C-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Cys27-Ser447
Description	Enables chondroitin sulfate binding activity; heparin binding activity; and neuregulin receptor activity. Involved in several processes, including corpus callosum development; negative regulation of neuron projection development; and neuronal signal transduction. Acts upstream of or within axonogenesis. Located in several cellular components, including axonal growth cone; dendritic shaft; and neuronal cell body. Is integral component of plasma membrane. Is expressed in several structures, including cardiovascular system; forelimb bud; intestine; male reproductive gland or organ; and nervous system. Human ortholog (s) of this gene implicated in schizophrenia. Orthologous to human RTN4R (reticulon 4 receptor).
Form	Lyophilized powder/frozen liquid
Molecular Mass	46.31 kDa
Purity	> 90 % as determined by SDS-PAGE

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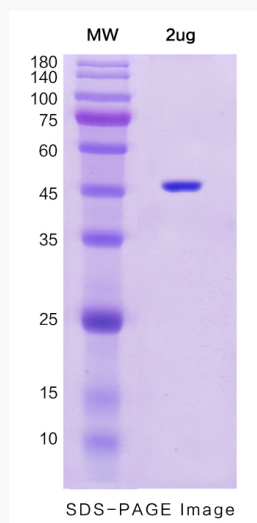
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	Rtn4r reticulon 4 receptor [Mus musculus (house mouse)]
Official Symbol	Rtn4r
Synonyms	RTN4R; reticulon 4 receptor; reticulon-4 receptor; nogo receptor; Nogo-66 receptor; NgR; NgR1; NOGOR;
Gene ID	65079
mRNA Refseq	NM_022982
Protein Refseq	NP_075358
UniProt ID	Q99PI8

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SDS-PAGE



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