

Recombinant Mouse RTN4R Protein

Catalog #	Source	Reactivity	Applications
CRP3039	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse RTN4R Protein is produced by mammalian expression system and the target gene encoding Cys27-Ser447 is expressed with a Fc tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	RTN4R
Alternative Names	NOGOR; Reticulon-4 receptor; Nogo receptor; NgR; Nogo-66 receptor
Entrez Gene	65079 (Mouse)
SwissProt	Q99PI8 (Mouse)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	CPGACVCYNE PKVTTSCPQQ GLQAVPTGIP ASSQRIFLHG NRISHVPAAS FQSCRNLTLI WLHSNALARI DAAFTGLTL LEQLDLSDNA QLHVVDPTTF HGLGHLHTLH LDRCGLRELG PGLFRGLAAL QYLYLQDNNL QALPDNTRFD LGNLTHLFLH GNRIPSVPEH AFRGLHSLDR LLLHQNHVAR VHPHAFRDLG RLMTLYLFAN NLSMLPAEVL MPLRSLQYLR LNDNPWVDCD RARPLWAWLQ KFRGSSSEVP CNLPQRLADR DLKRLAASDL EGCAVASGPF RPIQTSQLTD EELLSLPKCC QPDAADKASV LEPGRPASAG NALKGRVPPG DTPPGNGSGP RHINDSPFGT LPSSAEPPLT ALRPGGSEPP GLPTTGPRRR PGCSRKNRTR SHCRLGQAGS GASGTGDAEG SVDDIEGRMD EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTP PVLDSGDSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNH YTQKLSLSLP GK

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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