

Recombinant Mouse RTN4R Protein

Catalog #	Source	Reactivity	Applications
CRP3040	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 6His 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 FQSCRNLTL WLHSNALARI DAAFTGLTL LEQLDLSDNA QLHVVDPTTF HGLGHLHTLH LDRCGLRELG PGLFRGLAAL QYLYLQDNNL QALPDNTRFD LGNLTHLFLH GNRIPSVPEH AFRGLHSLDR LLLHQNHVAR VHPHAFRDLG RLMTLYLFAN NLSMLPAEVL MPLRSQYLR LNDNPWVDCD RARPLWAWLQ KFRGSSSEVP CNLPQRLADR DLKRLAASDL EGCAVASGPF RPIQTSQLTD EELSLPKCC QPDAADKASV LEPGRPASAG NALKGRVPPG DTPPGNGSGP RHINDSPFGT LPSSAEPPLT ALRPGGSEPP GLPTTGPRRR PGCSRKNRTR SHCRLGQAGS GASGTGDAEG SVDHHHHHH
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) 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 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize

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

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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