

## Recombinant Human RTN4RL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2227	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human RTN4RL1 Protein is produced by our Mammalian expression system and the target gene encoding Cys25-Ala419 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, 5% Threhalose, pH 7.2		
<b>Gene Symbol</b>	RTN4RL1		
<b>Alternative Names</b>	NGRH2; NGRL2; Reticulon-4 receptor-like 1; Nogo receptor-like 2; Nogo-66 receptor homolog 2; Nogo-66 receptor-related protein 3; NgR3		
<b>Entrez Gene</b>	146760 (Human)		
<b>SwissProt</b>	Q86UN2 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	CPRDCVCYPA PMTVSCQAHN FAAIPEGIPV DSERVFLQNN RIGLLQPGHF SPAMVTLWIY SNNITYIHPS TFEQFVHLEE LDLGDNRQLR TLAPETFQGL VKLHALYLYK CGLSALPAGV FGGLHSLQYL YLQDNHIEYL QDDIFVDLVN LSHLFLHGNK LWSLPGTFR GLVNLDRLLL HENQLQWVHH KAFHDLRRLT TLFLFNNSLS ELQGECLAPL GALEFLRLNG NPWDCGCRAR SLWEWLQRFR GSSSAVPCVS PGLRHGQDLK LLRAEDFRNC TGPASPHQIK SHTLTTTDRRA ARKEHHSHPHG PTRSKGHPHG PRPGHRKPGK NCTNPRNRNQ ISKAGAGKQA PELPDYAPDY QHKFSFDIMP TARPKRKGKC ARRTPIRAPS GVQQAVDHHH HHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	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		
<b>Application key:</b>	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		
<b>Species reactivity key:</b>	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

lyophilized protein in 1X PBS. 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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