

Recombinant Human NLGN4X Protein

Catalog #	Source	Reactivity	Applications
CRP2015	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human NLGN4X Protein is produced by our mammalian expression system and the target gene encoding Gln42-Ser676 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Gene Symbol	NLGN4X
Alternative Names	KIAA1260; NLGN4; Neuroligin-4 X-linked; Neuroligin X; HNLX
Entrez Gene	57502 (Human)
SwissProt	Q8N0W4 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	<p>QAQYPVVNTN YGKIRGLRTP LPNEILGPVE QYLGVPYASP PTGERRFQPP EPPSSWTGIR</p> <p>NTTQFAAVCP QHLDERSLH DMLPIWFTAN LDTLMTYVQD QNEDCLYLN IYVPTEDDIHD</p> <p>QNSKKPVMVY IHGGSYMEGT GNMIDGSILA SYGNVIVITI NYRLGILGFL STGDQAAKGN</p> <p>YGLLDQIQAL RWIEENVGAF GGDPKRVTIF GSGAGASCVS LLTSHYSEG LFQKAIQSG</p> <p>TALSSWAVNY QPAKYTRILA DKVGCNMLDT TDMVECLRNK NYKELIQQTI TPATYHIAFG</p> <p>PVIDGDVIPD DPQILMEQGE FLNYDIMLGV NQGEGLKFVD GIVDNEDGVT PNDFDFSMSN</p> <p>FVDNLYGYPE GKDTLRETIK FMYTDWADKE NPETRRKTLV ALFTDHQWVA PAVATADLHA</p> <p>QYGSPTYFYA FYHHCQSEMK PSWADSAHGD EPPYVFGIPM IGPTLFCSCN FSKNDVMLSA</p> <p>VVMTYWTNFA KTGDPNQVPV QDTKFIHTKP NRFEEVAWSK YNPKDQQLYH IGLKPRVRDH</p> <p>YRATKVAFWL ELVPHLHNLN EIFQYVSTTT KVPPDMSF PYGTRRSPAK IWPTTKRPAI</p> <p>TPANNPKHSK DPHKTGPEDT TVLIETKRDY STELSVDHHH HHH</p>

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

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

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 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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