

Product Name: Recombinant Human NLGN4X (C-6His)
Catalog #: PHH1214

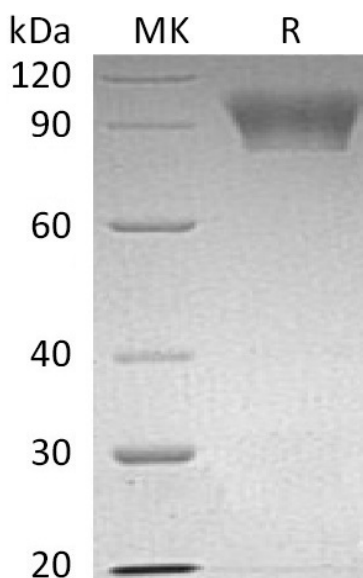


Summary

Name	Neurologin 4/NLGN4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Neurologin 4, X-Linked is produced by our Mammalian expression system and the target gene encoding Gln42-Ser676 is expressed with a 6His tag at the C-terminus.
Accession #	Q8N0W4
Host	Human Cells
Species	Human
Predicted Molecular Mass	72.46 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Neurologin-4 X-Linked; Neurologin X; HNLX; NLGN4X; KIAA1260; NLGN4

Background

Neurologin 4, X-Linked (NLGN4X) is a single-pass type I membrane protein that belongs to the type-B carboxylesterase/lipase family. NLGN4X is detected at higher levels in heart and at lower levels in the liver, skeletal muscle, and pancreas. NLGN4X is a putative neuronal cell surface protein involved in cell-cell-interactions. NLGN4X may act as splice site-specific ligands for β -neurexins. It has been shown that NLGN4X is involved in the formation and remodeling of central nervous system synapses. NLGN4X also interacts with discs, large (Drosophila) homolog 4 (DLG4). Defects in NLGN4X have been associated with autism and Asperger syndrome.

Note

For Research Use Only , Not for Diagnostic Use.