

Product datasheet for **TP727004**

Neuroigin 4 (NLGN4X) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Neuroigin 4, X-Linked/NLGN4X (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln42-Ser676
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Neuroigin 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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	57502
UniProt ID:	Q8N0W4
Synonyms:	Neuroigin-4 X-Linked; Neuroigin X; HNLX; NLGN4X; KIAA1260; NLGN4
Summary:	Neuroigin 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 \hat{I}^2 -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.
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)



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