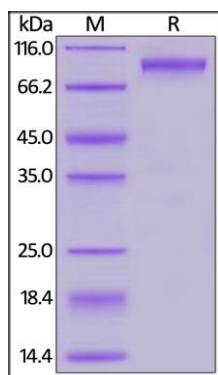


# Human CellExp™ Neuroligin-4, Y-linked / NLGN4Y, Human Recombinant

<b>CATALOG NO:</b>	P1387-10 10 µg
<b>ALTERNATE NAMES:</b>	NLGN4Y, neuroligin 4, Y-linked, NLGN4Y1
<b>MOL. WT.</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 72.1 kDa. The protein migrates as 85-105 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>SOURCE:</b>	HEK 293 cells
<b>PURITY:</b>	>90% as determined by SDS-PAGE
<b>ENDOTOXIN:</b>	Less than 1.0 EU per µg by the LAL method
<b>FORM:</b>	Lyophilized
<b>FORMULATION:</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>RECONSTITUTION:</b>	Centrifuge the vial prior to opening. Reconstitute in sterile deionized water to a concentration of 100 µg/ml. Do not vortex. It is recommended to store at -20°C.
<b>STORAGE CONDITIONS:</b>	Store at -20°C. After reconstitution, aliquot and store at -20°C and use within 3 months. Avoid repeated freezing and thawing cycles. -20°C
<b>DESCRIPTION:</b>	Neuroligin 4, Y-linked (NLGN4Y) a type I membrane protein that belongs to the family of neuroligins, which are cell adhesion molecules present at the postsynaptic side of the synapse, and may be essential for the formation of functional synapses. Alternatively spliced transcript variants have been found for NLGN4Y gene. NLGN4Y was expressed in fetal and adult brain, prostate, testis, pancreas. NLGN4Y is homologous with its X-linked homolog, NLGN4X.
<b>AMINO ACID SEQUENCE:</b>	AA Gln 44 - Ser 676



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Active Recombinant Human beta-Secretase 1 - BACE-1 (7609)  
 Active Transglutaminase 2 (His-tagged), human recombinant (7700)  
 Carbonic anhydrase-1, human recombinant (P1048)

**FOR RESEARCH USE ONLY! Not to be used on humans.**