

Recombinant Human NLGN4Y, His-tagged

Cat. No. NLGN4Y-5228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLGN4Y (44-675) Protein, C-His Tag (rhNLGN4Y) Gln 44 - Ser676 (Accession # NM_014893.4) was produced in human HEK293 cells
Species	Human
Source	HEK293
ProteinLength	44-676 a.a.
Description	Neurologin 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.
Predicted N Terminal	Gln 44
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.
Molecular Mass	72.23 kDa. Protein migrates as 70-95 kDa in reduced SDS-PAGE resulting from different extent glycosylation.
Endotoxin	Less than 1.0 EU per µg of the rhNLGN4Y by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% as determined by SDS-PAGE. All lots are greater than 95% pure.
Storage	Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:In lyophilized state for 1 year (4oC-8oC); After reconstitution under sterile conditions for 1 month (4oC-8oC) or 3 months (-20oC to -70oC).
GENE INFORMATION	
Gene Name	NLGN4Y neuroligin 4, Y-linked [Homo sapiens]
Official Symbol	NLGN4Y
Synonyms	NLGN4Y; neuroligin 4, Y-linked; neuroligin 4, Y linked; neuroligin-4, Y-linked; KIAA0951;
Gene ID	22829
mRNA Refseq	NM_001164238
Protein Refseq	NP_001157710
MIM	400028
UniProt ID	Q8NFZ3
Chromosome Location	Y
Function	NOT carboxylesterase activity; neurexin family protein binding; protein binding; receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA