

Recombinant Human NLGN4Y Protein, His-tagged

Cat. No. NLGN4Y-2492H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NLGN4Y Protein (Gln44-Gly254) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln44-Gly254
Description	This gene encodes 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 this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.2 kDa Accurate Molecular Mass: 27 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	NLGN4Y neuroligin 4, Y-linked [Homo sapiens (human)]
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

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