

# Recombinant Human NLGN4Y Protein(Q8NFZ3-1, Gln44-Leu675), His-tagged

**Cat. No.** NLGN4Y-01H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human NLGN4Y protein(Q8NFZ3-1, Gln44-Leu675) with a His tag was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Gln44-Leu675                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Liquid in sterile PBS, pH7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 72 kDa.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | <p>QYPVVNTNYGKIQGLRTPLPSEILG PVEQYLGVVPYASPPTGERRFQPPES</p> <p>PSSWTGIRNATQFSAVCPQHLDERF LLHDMLPIWFTTSLDTLMTYVQDQN</p> <p>EDCLYLNIIYVPMEDDIHEQNSKKPV MVIYHGGSYMEGTGNMIDGSILASY</p> <p>GNVIVITINYRLGILGFLSTGDQAA KGNYGLLDQIQALRWIENVGAFGG</p> <p>DPKRVTIFGSGAGASCVSLLTSLSHY SEGLFQKAIQSGTALSSWAVNYQP</p> <p>AKYTRILADKVGCNMLDTTDMVECL KNKNYKELIQQTITPATYHIAFGPV</p> <p>IDGDVIPDDPQILMEQGEFLNYDIM LGVNQGEGLKFVDGIVDNEDGVTPN</p> <p>DFDFSVSNSFVDNLYGYPEGKDTLRE TIKFMYTDWADKENPETRRKTLVAL</p> <p>FTDHQWVAPAVATADLHAQYGSPTY FYAFYHHCQSEMKPSWADSAHGDEV</p> <p>PYVFGIPMIGPTELFSCNFSKNDVM LSAVVMTYWTNFAKTGDPNQPV PQD</p> <p>TKFIHTKPNRFEEVAWSKYNPKDQL YLHIGLKPRVRDHYRATKVAFWLEL</p> |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                       |                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | VPHLHNLNEIFQYVSTTTKVPPPDMSFPYGTRRSPAKIWPTTKRPAITP<br>ANNPKHSDPHKTGPEDTTVLIETK RDYSELGGGSGGGSHHHHHHHHHH                                                                        |
| <b>Endotoxin</b>      | <1 EU/μg                                                                                                                                                                      |
| <b>Purity</b>         | >95% by SDS-PAGE                                                                                                                                                              |
| <b>Storage</b>        | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.           |
| <b>Concentration</b>  | 0.14 mg/mL                                                                                                                                                                    |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

## GENE INFORMATION

|                        |                                                                                          |
|------------------------|------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NLGN4Y neuroligin 4, Y-linked [ Homo sapiens (human) ]                                   |
| <b>Official Symbol</b> | NLGN4Y                                                                                   |
| <b>Synonyms</b>        | NLGN4Y; neuroligin 4, Y-linked; neuroligin 4, Y linked; neuroligin-4, Y-linked; KIAA0951 |
| <b>Gene ID</b>         | 22829                                                                                    |
| <b>mRNA Refseq</b>     | NM_001206850.2                                                                           |
| <b>Protein Refseq</b>  | NP_001193779.1                                                                           |
| <b>MIM</b>             | 400028                                                                                   |

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

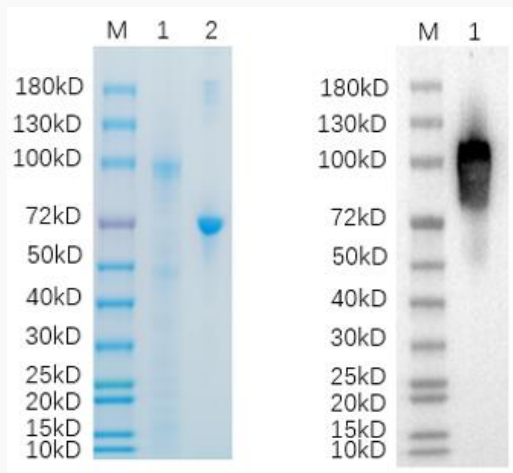
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

UniProt ID

Q8NFZ3-1

SDS-PAGE and WB



Reducing 12% SDS-PAGE and WB analysis profile of purified NLGN4Y 44-675.

Line 1: NLGN4Y 44-675; Line 2: BSA

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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