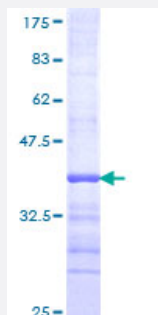


NLGN3 (Human) Recombinant Protein (Q01)

Catalog # H00054413-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NLGN3 partial ORF (NP_061850, 590 a.a. - 689 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PRVRDHYRATKVAFWKHLVPHLYNLHDMFHYTSTTTKVPPPDTHSSHITRRPNGKTWSTKRPAIS PAYSNENAQGSWNGDQDAGPLLVENPRDYSTELS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (98); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NLGN3

Entrez GeneID [54413](#)

GeneBank Accession# [NM_018977](#)

Protein Accession# [NP_061850](#)

Gene Name NLGN3

Gene Alias ASPGX1, AUTSX1, HNL3, KIAA1480

Gene Description neuroligin 3

Omim ID [300336](#) [300425](#) [300494](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. Mutations in this gene may be associated with autism and Asperger syndrome. Multiple transcript variants encoding distinct isoforms have been identified for this gene, but their full length sequences have not been determined. [provided by RefSeq]

Other Designations OTTHUMP00000023498

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [NARP](#)