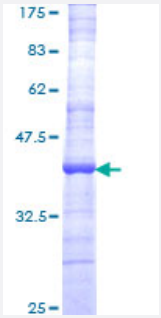
NLGN4X (Human) Recombinant Protein (Q01)

Catalog # H00057502-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NLGN4X partial ORF (NP_065793, 577 a.a. - 676 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKVPPPDMTSFPYGTRRSPAKIWPTTKRPAITP ANNPKHSKDPHKTGPEDTTVLIETKRDYSTELS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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 — NLGN4X

Entrez GeneID	57502
GeneBank Accession#	NM_020742
Protein Accession#	NP_065793
Gene Name	NLGN4X
Gene Alias	ASPGX2, AUTSX2, HLNX, HNLX, KIAA1260, MGC22376, NLGN, NLGN4
Gene Description	neuroligin 4, X-linked
Omim ID	300427 300495 300497
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 an d remodeling of central nervous system synapses. The encoded protein interacts with discs, large (Drosophila) homolog 4 (DLG4). Mutations in this gene have been associated with autism and As perger syndrome. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000022863|OTTHUMP00000022864|OTTHUMP00000022865|X-linked neuroligin 4|neuroligin X

Pathway

- Cell adhesion molecules (CAMs)

Disease

- Asperger Syndrome
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Genetic Predisposition to Disease
- Mental Retardation
- NARP
- Psychotic Disorders
- Schizophrenia
- Social Perception