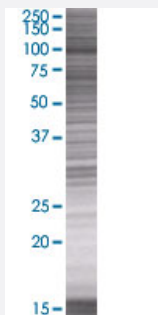


NLGN4X 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00057502-T01

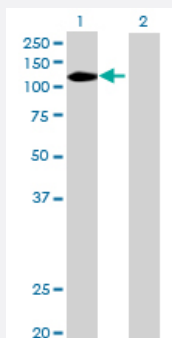
Size 100 uL

Applications



SDS-PAGE Gel

NLGN4X transfected lysate.



Western Blot

Lane 1: NLGN4X transfected lysate (89.87 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-NLGN4X full-length

Host Human

Theoretical MW (kDa) 89.87

Quality Control Testing Transient overexpression cell lysate was tested with Anti-NLGN4X antibody ([H00057502-B01](#)) by Western Blots.
SDS-PAGE Gel
NLGN4X transfected lysate.
Western Blot
Lane 1: NLGN4X transfected lysate (89.87 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NLGN4X

Entrez GeneID	57502
GeneBank Accession#	NM_020742.2
Protein Accession#	NP_065793.1
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 and 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 Asperger 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](#)