

Product Information

MemDX™ Membrane Protein Human NLGN1 (Neuroigin 1) Expressed in NS0 for Antibody

Discovery, Partial (1-677aa)

Cat. No.: **MPX0738K**

This product is for research use only and is not intended for diagnostic use.

This product is a 71.3 kDa Human NLGN1 membrane protein expressed in NS0. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

NLGN1

Protein Length

Partial (1-677aa)

Protein Class

Cell adhesion

Molecular Weight

71.3 kDa

TMD

1

Sequence

MALPRCTWPNYVWRAVMACLVHRGLGAPLTLGCLLQAGHVLSQKLDDVDPLVATNFG
KIRGIKKELNNEILGPVIQFLGVPYAAPPTGERRFQPPEPPSPWSDIRNATQFAPVCPQN
IIDGRLPEVMLPVWFTNNLDVSSYVQDQSEDCLYLNIVPTEDDIRDSGGPKPVMVYIH
GGSYMEGTGNLYDGSVLSYGNVIVITVNYRLGVLGFLSTGDQAAKGNYGLLDLIQALRW
TSENIGFFGGDPLRITVFGSGAGGSCVNLLTSHYSEGNRWSNSTKGLFQRAIAQSGTAL
SSWAVSFQPAKYARMLATKVGCNVSDTVELVECLQKKPYKELVDQDIQPARYHIAFGPVI
DGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVENIVSDDDGISASDFDFAVSNFVD
NLYGYPEGKDVLRETIKFMYTDWADRHNPEPTRRKTLLALFTDHQWVAPAVATADLHSNFG
SPTYFYAFYHHCQTDQVPAWADAAGDEVYVLGIPMIGPTLFCNFSKNDVMLSAVVM
TYWTNFAKTGDPNQVPVQDTKFIHTKPNRFEEVAVWTRYSDQDQLYLHIGLKPRVKEHYRA
NKVNLWLELVPHLHNLNDISQYTSTTTKVPSTDITFRPTRKNSVPVTSAPPTAKQDDPKQ
QPSPFSVDQRDYSTELS

Product Description

Activity

Yes

Expression Systems

NS0

Tag

6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 300 µg/mL in PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

NLGN1

Full Name

Neurologin 1

Introduction

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.

Alternative Names

NLGN1; NL1; neuroligin-1; Neurologin 1

Gene ID

[22871](#)

UniProt ID

[Q8N2Q7](#)