

Product Information

MemDX™ Membrane Protein Human NLGN3 (Neuroigin 3) Full Length

Cat. No.: **MPC3622K**

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

This product is a made-to-order Human NLGN3 membrane protein expressed in HEK293. 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

NLGN3

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MWLRRLGPPSLSLSPKPTVGRSLCLTLWFLSLALRASTQAPAPTVNTHFGK
LRGARVPLPSEILGPVDQYLGVPYAAPPIGEKRFLPPEPPPSWSGIRNAT
HFPPVCPQNIHTAVPEVMLPVWFTANLDIVATYIQEPNEDCLYLNYYVPT
EDVKRISKECARKPNKKICRKGGSGAKKQGEDLADNDGDEDEDIRDSGAK
PVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITLNYRVGVLGFLSTGDQ
AAKGNYGLLDQIQALRWVSENIFFGGDPRRITVFGSGIGASCVSLLTSL
HHSEGLFQRAIIQSGSALSSWAVNYQPVKYTSLLADKVGCVNLDTVDMVD
CLRQKSAKELVEQDIQPARYHVAFGPVIDGDVIPDDPEILMEQGEFLNYD
IMLGVNQGEGLKFVEGVVDPEDGVSGTDFDYSVSNFVDNLYGYPEGKDTL
RETIKFMYTDWADRDNPETRRKTLVALFTDHQWVEPSVVTADLHARYGSP
TYFYAFYHHCQSLMKPAWSDAAHGDEVYVFGVPMVGPTDLFPCNFSKND
VMLSAAVMTYWTNFAKTGDPNKPVPQDTKFIHTKANRFEEVAWSKYNPRD
QLYLHIGLKPRVRDHYRATKVAFWKHLVPHLYNLHDMFHYTSTTTKVPPP
DTTHSSHITRRPNKGTWSTKRPAISPAYSNENAQGSWNGDQDAGPLLVEN
PRDYSTELSVTIAGASLLFLNLAFALYYRKDKRRQEPLRQSPQRGA
GAPELGAAPEEELAALQLGPTHHECEAGPPHDTLRLTALPDYTLTLRRSP
DDIPLMTPNTITMIPNSLVGLQTLHPYNTFAAGFNSTGLPHSHSTTRV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

NLGN3

Full Name

Neuroigin 3

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. Mutations in this gene may be associated with autism and Asperger syndrome. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Alternative Names

NLGN3; HNL3; neuroligin-3; gliotactin homolog; Neuroigin 3

Gene ID

[54413](#)

UniProt ID

[Q9NZ94](#)