

Product Information

MemDX™ Membrane Protein Human NLGN2 (Neuroigin 2) Full Length

Cat. No.: **MPC2483K**

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

This product is a made-to-order Human NLGN2 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

NLGN2

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MWLLALCLVGLAGAQRGGGGPGGGAPGGPGLGLGSLGEERFPVNTAYGR
VRGVRRELNNEILGPVVQFLGVPYATPPLGARRFQPPEAPASWPGVRNAT
TLPPACPNLHGALPAIMLPVWFTDNLEAAATYVQNQSEDCLYLNLVPT
EDGPLTKKRDEATLNPPDTRDIRDPGKKPVMFLHGGSYMEGTGNMFDGSV
LAAYGNVIVATLNYRLGVLGFLSTGDQAAKGNYGLLDQIQALRWLSENIA
HFGGDPERITIFGSGAGASCVNLLILSHHSEGLFQKAIAQSGTAISSWSV
NYQPLKYTRLLAAKVGCDREDSAEAVECLRRKPSRELVDQDVQPARYHIA
FGPVVDGDVVPDDPEILMQQGEFLNYDMLIGVNQGEGLKFVEDSAESEDG
VSASAFDFTVSNFVDNLYGYPEGKDVLRITKFMYPDWADRDNGEMRRKT
LLALFTDHQWVAPAVATAKLHADYQSPVYFYTFYHHCQAEGRPEWADAAH
GDELPYVFGVPMVGATDLFPCNFSKNDVMLS AVVMTYWTNFAKTGDPNQP
VPQDTKFIHTKPNRFEEVWWSKFNSKEKQYLHIGLKPRVRDNYRANKVAF
WLELVPHLHNLHTELFTTTTRLPPYATRWPPRPPAGAPGTRRPPPPATLP
PEPEPEPGPRAYDRFPGDSRDYSTELESVTAVGASLLFLNLAFAALYYK
RDRRQELRCRRLSPGGSGSGVPGGGPLLPAAGRELPEEEELVSLQLKRG
GGVGADPAEALRPACPPDYTLALRRAPDDVPLLAPGALTLLPSGLGPPPP
PPPPSLHPFGFPFPPPPPTATSHNNTLPHPHSTTRV

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

NLGN2

Full Name

Neuroigin 2

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

NLGN2; neuroligin-2; Neuroigin 2

Gene ID

[57555](#)

UniProt ID

[Q8NFZ4](#)