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Product Information

MemDX™ Membrane Protein Human NRXN3 (Neurexin 3) Full Length

Cat. No.: **MPC2808K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human NRXN3 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
NRXN3

Protein Length
Full length

Protein Class
Cell adhesion

TMD
1

Sequence
MHLRIHARRSPPRRPAWTLGIWFLFWGCIVSSVWSSSNVASSSSTSSSPG
SHSQHEHHFHGSKHHSVPISIYRSPVSLRGGHAGATYIFGKSGGLILYTW
PANDRPSTRSDRLAVGFSTTVKDGILVRIDSAPGLGDFLQLHIEQGKIGV
VFNIGTVDISIKEERTPVNDGKYHVVRFTRNGGNATLQVDNWPVNEHYPT
GRQLTIFNTQAQIAIGGKDKGRLFQGQLSGLYYDGLKVLNMAAENNPNIK
INGSVRLVGEVPSILGTTQTTSMPPEMSTTVMETTTTMATTTTRKNRSTA
SIQPTSDDLVSSAECSSDDEDFVECEPSTGGELVIPLLVEDPLATPPIAT
RAPSITLPPTFRPLLTIIETTKDSLSMTSEAGLPCLSDQGSDGCDDDGLV
ISGYGSGETFDSNLPPTDDEDFYTTFSLVTDKSLSTSIFEGGYKAHAPKW
ESKDFRPNKVSETSRTTTTSLSPELIRFTASSSSGMVPKLPAGKMNNRDL
KPQPDIVLLPLPTAYELDSTKLKSPLITSPMFRNVPTANPTEPGIRRVPG
ASEVIRESSSTTGMVVGIVAAAALCILILLYAMYKYRNRDEGSYQVDETR
NYISNSAQSNGTLMKEKQQSSKSGHKKQKNKDREYYV

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

NRXN3

Full Name

Neurexin 3

Introduction

This gene encodes a member of a family of proteins that function in the nervous system as receptors and cell adhesion molecules. Extensive alternative splicing and the use of alternative promoters results in multiple transcript variants and protein isoforms for this gene, but the full-length nature of many of these variants has not been determined. Transcripts that initiate from an upstream promoter encode alpha isoforms, which contain epidermal growth factor-like (EGF-like) sequences and laminin G domains. Transcripts initiating from the downstream promoter encode beta isoforms, which lack EGF-like sequences. Genetic variation at this locus has been associated with a range of behavioral phenotypes, including alcohol dependence and autism spectrum disorder.

Alternative Names

NRXN3; C14orf60; neurexin III; neurexin-3-alpha; Neurexin 3

Gene ID

9369

UniProt ID

Q9HDB5