

Product Information

MemDX™ Membrane Protein Human NOMO2 (NODAL modulator 2) Full Length

Cat. No.: **MPC3519K**

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

This product is a made-to-order Human NOMO2 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

NOMO2

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MLVGQGAGLLGPAVVTAADVLLLSGVGPAHGSSEDIVVGC GG FVKSDVEIN
YSLIEIKLYTKHGTLKYQTDCAPNNGYFMIPLYDKGDFILKIEPPLGWSF
EPTTVELHVDGVSDICTKGGDINFTGFSVNGKVL SKGQPLGPAGVQVS
LRNTGTEAKIQSTVTQPGGKFAFFKVLPGDYEILATHPTWALKEASTTVR
VTNSNANAASPLIVAGYNVSGSVRS DG EPMKGVKFLLFSSLVTKEDVLGC
NVSPVPGFQPPQDESLVYLCYTVSREDGSFSFYSLPSGGYTIVPFYRGERI
TFDVAPSRLDFTVEHDSLKIEPVFHV MGFSVTGRVLNGPEGDGVPEAVVT
LNNQIKVKTADGSFRLENITTGT YTIHAQKEHLYFETVTIKIAPNTPQL
ADIVATGFSVCGRISIRFPD TVKQMNKYKVVLS SQDKDKSLVTVETDAH
GSFCFKAKPGTYKVQVMVPEAETRAGLTLKPQTFPLTVTDRPVMDVAFVQ
FLASVSGKVSCLDTCGDL LVT LQSLSRQGEKRS LQLSGKVNAMTFTFDNV
LPGKYKISIMHEDWCWKNKSLEVEVLEDDVSAVEFRQTGYMLRCSLSHAI
TLEFYQDGNGRENVGIYNLSKGVNRFCLSKPGVYKVT PRSCHRFEQAFYT
YDTSSPSILT LAIRHHVLGTITTDKMMDVTVTIKSSIDSEPALVLGPLK
SVQELRREQQLAEI EARRQEREKNGNEEGEERMTKPPVQEMVDELQGPFS
YDFS YWARS GEKITVTPSSKELLFYPPSMEAVVSGESCPGK LIEIHGKAG
LFLEGQIHPELEGVEIVISEKGASSPLITVFTDDKGAYSVGPLHSDLEYT
VTSQKEGYVLTAVEGTIGDFKAYALAGVSFEIKAEDDQPLPGVLLSLSGG
LFRSNLLTQDNGILTF SNLSPGQYYFKPMMKEFRFEPSSQMIEVQEGQNL
KITITGYRTAYSCYGT VSSLNGEPEQGVAMEAVGQNDCSIYGEDT VTDEE
GKFRRLRGLLPGCVYHVQLKAEGNDHIERALPHHRVIEVGNNIDDDVNIIV
FRQINQFDLSGNVITSSEYLP TLWVKLYKSENLDNPIQTVSLGQSLFFHF
PPLLRDGENYVLLDSTLPRSQDYILPQVSFTAVGYHKHITLIFNPTRK
LPEQDIAQGSYIALPLTLLVLLAGYNHDKLIPLLLQLTSRLQG VGALGQA

ASDNSGPEDAKRQAKKQKTRRTLRLQEEFQLMWCLVPWRGTLGIHLFSSL
PFASEILLETTATCIHY

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

NOMO2

Full Name

NODAL modulator 2

Introduction

This gene encodes a protein originally thought to be related to the collagenase gene family. This gene is one of three highly similar genes in a region of duplication located on the p arm of chromosome 16. These three genes encode closely related proteins that may have the same function. The protein encoded by one of these genes has been identified as part of a protein complex that participates in the Nodal signaling pathway during vertebrate development. Mutations in ABCC6, which is located nearby, rather than mutations in this gene are associated with pseudoxanthoma elasticum (PXE). Two transcripts encoding different isoforms have been described.

Alternative Names

NOMO2; PM5; Nomo; nodal modulator 2; pM5 protein 2; pM5 protein, centromeric copy; NODAL modulator 2

Gene ID

[283820](#)

UniProt ID

[Q5JPE7](#)