

Product Information

MemDX™ Membrane Protein Human PLXND1 (Plexin D1) Full Length

Cat. No.: **MPC3651K**

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

This product is a made-to-order Human PLXND1 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

PLXND1

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MAPRAAGGAPLSARAAAASPPPFQTPPRCVPVLLLLLLLGAARAGALEIQ
RRFPSPTPTNPFALDGAAGTVYLA AVNRLYQLSGANLSLEAEAAVGPVPD
SPLCHAPQLPQASCEHPRRLTDNYNKILQLDPGQGLVVVCGSIYQGFCQL
RRRGNISAVAVRFPPAAPPAEPVTVFPSMLNVAANHPNASTVGLVLPAA
GAGGSRLLVGATYTYGYSFFPRNRSLEDHRFENTPEIAIRSLDTRGDLA
KLFTFDLNPSSDDNLIKQGAKEQHKLG FVSAFLHPSDPPPGAQSYAYLA
LNSEARAGDKESQARSLLARICLPHGAGGDAKKLTESIQLGLQCAGGAG
RGDLYSRLVSVFPARERLFAVFERPQGSPAARAAPAALCAFRFADVRAAI
RAARTACFVEPAPDVVAVLDSVVQGTGPACERKLNIQLQPEQLDCGAHL
QHPLSILQPLKATPVFRAPGLTSVAVASVNNTAVFLGTVNGRLLKINLN
ESMQVVSRRVTVAYGEPVHHVMQFDPADSGLYLMTSHQMARVKVAACN
VHSTCGDCVGAADAYCGWCALETRCTLQQDCTNSSQQHFWTSASEGPSRC
PAMTVLPSEIDVRQEYPMILQISGSLPSLSGMEACDYGNNIRTVARVP
GPAFGHQIAYCNLLPRDQFPFPNQHDTVEMSVRVNGRNIVKANFTIY
DCSRTAQVYPHTACTSCLSAQWPCFWCSQQHSCVSNQSRCEASPNPTSPQ
DCPRTLSSPLAPVPTGGSQNILVPLANTAFFQGAALCESFGLLEEIFEAVW
VNESVVRCDQVVLHTRKSQVFPLSLQLKGRPARFLDSPEPMTVMVYNCA
MGSPDCSQCLGREDLGHLCMWSDGCRRLRGPLQPMAGTCPAPEIHAIPLS
GPLDGGTLLTIRGRNLGRRLSDVAHG VVWIGGVACEPLPDRTYVSEEIVCV
TGPA PGPLSGVVTVNASKEGKSRDRFSYVLPLVHSLEPTMGPKAGGTRIT
IHGNDLHVGSSELQVLVNDTDPCTELMRTDTSIAC TMPEGALPAPVPVCVR
FERRGCVHGNLTFWYMQNPVITAISPRRSPVSGGRTITVAGERFHMVQNV
SMAVHHIGREPTLCKVLNSTLITCPSPGALSNASAPVDFFINGRAYADEV
AVAEELLDP EEAQRGSRFRDYL PNPQFSTAKREKWKHHHPGEPLTLVIH

KEQDSLGLQSHEYRVKIGQVSCDIQIVSDRIIHCSVNESLGAAVGQLPIT
IQVGNFNQTIATLQLGGSETAIIVSIVICSVLLLLSVVALFVFCTKSRRRA
ERYWQKTLLQMEEMESQIREEIRKGF AELQTDMDLTKELNRSQGIPFLE
YKHFVTRTFFPKCSSLYEERYVLPSQTLNSQGSSQAQETHPLLGEWKIPE
SCRPNMEEGISLFSSLLNNKHFLIVFVHALEQQKDFAVRDRCSLASLLTI
ALHGKLEYYSIMKELLVDLIDASAAKNPKMLRRTESVVEKMLTNWMSI
CMYSLCRETVGEPFFLLCAIKQQINKGSIDAITGKARYTLSEEWLLREN
IEAKPRNLNVSFQGC GMDLSVRAMDTDTLTQVKEKILEAFCKNVPYSQW
PRAEDVDLEWFASSTQSYILRDLDDTSVVEDGRKKLNTLAHYKIEGASL
AMSLIDKKDNTLGRVKDLDEKYFHLVLP TDELAEPKKSHRQSHRKKVLP
EIYLTRLLSTKGT LQKFLDDLKAILSIREDKPPLAVKYFFDFLEEQA EK
RGISDPDTLHIWKTNSLPLRFWVNILKNPQFVFDIDKTDHIDACLSVIAQ
AFIDACSIDLQLGKDSPTNKL LLYAKEIPEYRKIVQRYKQIQD MTPLE
QEMNAHLAEESRKYQNEFNTNVAMAEIYKYAKRYRPQIMAALEANPTARR
TQLQHKFEQVVALMEDNIYECYSEA

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

PLXND1

Full Name

Plexin D1

Alternative Names

PLXND1; PLEXD1; plexin-D1; Plexin D1

Gene ID

[23129](#)

UniProt ID

[Q9Y4D7](#)