

Product Information

MemDX™ Membrane Protein Human NRP2 (Neuropilin 2) Full Length

Cat. No.: **MPC2486K**

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

This product is a made-to-order Human NRP2 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

NRP2

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MDMFPLTWVFLALYFSRHQVRGQPDPPCGGRLNSKDAGYITSPGY PQDYP
SHQNC EWIVY AEPN QKIVLNFNPHFEIEK HDCKYDFIEIRDGDSEADL
LGKHC GNIA PPTI ISSG SMLYIKFTSDYARQGAGFSLRYEIFKTGSEDCS
KNFTSPNGTIESPGFPEKYPHNLDCTFTILAKPKMEILQLIFDLEHDP
LQVGEGDCKYDWLDIWDGIPHVGPLIGKYCGTKTPSELRSSTGILSLTFH
TDM AVAKDGF SARYYL VHQEPL ENFQCNVPLGMESGRIANEQISASSTYS
DGRWTPQQSRLHGDDNGWTPNLDSNKEYLQVDLRFLTMLTAIATQGAISR
ETQNGYYVKS YKLEVSTNGEDWMVYRHGKNHKVFQANNDATEVVLNKLHA
PLLTRFVRIRPQTWHSGIALRLELFGCRVTDAPCSNMLGMLSGLIADSQI
SASSTQEYLWSPSAARLVSSRSGWFPRIPQAQPGEEWLQVDLGTPKTVKG
VIIQGARGGDSITAVEARAFVRKFKVSYSLNGKDWEYIQDPRTQQPKLFE
GNMHYDTPDIRRFDPIPAQYVRVYPERWSPAGIGMRLEVLGCDWTD SKPT
VETLGPTVKSEETTPYPT EEEATECGENCSFEDDKDLQLPSGFNCNDF
LEPCGW MYDHAKWLRTTWASSSPNDRTFPDDRNLRLQSDSQREGQYA
RLISPPVHLPRSPVCMEFQYQATGGRGVALQV VREASQESKLLWVIRE DQ
GGEWKHGRILPSYDMEYQIVFEGVIGKGRSGEIAIDDIRISTDVPLENC
MEPISAFAGENFKVDIPEIHEREGYEDEIDDEYEVDWSN SSSATSGSGAP
STDKEKSWLYTLDPILITIAMSSLGVL LGATCAGLLLYCTCSYSGLSSR
SCTTLENYNFELYDGLKHKVKMNHQKCCSEA

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

NRP2

Full Name

Neuropilin 2

Introduction

This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

Alternative Names

NRP2; NP2; NPN2; PRO2714; VEGF165R2; neuropilin-2; neuropilin-2a(17); neuropilin-2a(22); neuropilin-2b(0); receptor for VEGF165 and semaphorins class3; vascular endothelial cell growth factor 165 receptor 2; Neuropilin 2

Gene ID

[8828](#)

UniProt ID

[O60462](#)