

Product Information

MemDX™ Membrane Protein Human UNC5C (Unc-5 netrin receptor C) Full Length

Cat. No.: **MPC1185K**

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

This product is a 103.1 kDa Human UNC5C 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

UNC5C

Protein Length

Full length

Protein Class

Receptor

Molecular Weight

103.1 kDa

TMD

1

Sequence

MRKGLRATAARCGLGLGYLLQMLVLPALALLSASGTGSAAQDDDDFFHELP
ETFPSPPEPLPHFLIEPEEAYIVKNKPVNLYCKASPATQIYFKCNSEWV
HQKDHIVDERVDETSGLIVREVSIEISRQQVEELFGPEDYWCQCVAWSSA
GTTKSRKAYVRIAYLRKTFEQEPLGKEVSLEQEVLLQCRPPEGIPVAEVE
WLKNEDIIDPVEDRNFYITIDHNLIQARLSDTANYTCVAKNIVAKRKS
TTATVIVYVNGGWSTWTEWSVCNSRCGRGYQKRTRTCTNPAPLNNGGAFCE
GQSVQKIACTTLCVPDGRWTPWSKWSTCGTECHWRRRECTAPAPKNGGK
DCDGLVLQSKNCTDGLCMQTAPDSDDVALYVGIVAVIVCLAISVVVALF
VYRKNHRDFESDIIDSSALNGGFQPVNIKAARQDLLAVPPDLTSAAMYR
GPVYALHDVSDKIPMTNSPILDPLPNLKIKVYNTSGAVTPQDDLSEFTSK
LSPQMTQSLLENEALSLKNQSLARQTDPSCTAFGSFNSLGGHLIVPNSGV
SLLIPAGAIQGRVYEMYVTVHRKETMRPPMDDSQTLTTPVVSCGPPGAL
LTRPVVLTMHHCADPNTEDWKILLKNQAAQGWEDVVVVGEEENFTTPCYI
QLDAEACHILTENLSTYALVGHSTTKAAAKRLKLAIFGPLCCSSLEYSIR
VYCLDDTQDALKEILHLERQMGGQLLEPKALHFKGSTHNLRLSIHDAH
SLWKSLLAKYQEIPFYHVWGSQRNLHCTFTLERFSLNTVELVCKLCVR
QVEGEGQIFQLNCTVSEPTGIDLPLLDPANTITVTGPSAFSIPLPIRQ
KLCSSLDAPQTRGHDWRMLAHKLNLDRLNYFATKSSPTGVILDLWEAQN
FPDGNLSMLAAVLEEMGRHETVVSAAEGQY

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

UNC5C

Full Name

Unc-5 netrin receptor C

Introduction

This gene product belongs to the UNC-5 family of netrin receptors. Netrins are secreted proteins that direct axon extension and cell migration during neural development. They are bifunctional proteins that act as attractants for some cell types and as repellents for others, and these opposite actions are thought to be mediated by two classes of receptors. The UNC-5 family of receptors mediate the repellent response to netrin; they are transmembrane proteins containing 2 immunoglobulin (Ig)-like domains and 2 type I thrombospondin motifs in the extracellular region.

Alternative Names

UNC5C; UNC5H3; netrin receptor UNC5C; protein unc-5 homolog 3; protein unc-5 homolog C; unc-5 homolog 3; unc-5 homolog C; unc5 (C.elegans homolog) c; Unc-5 netrin receptor C

Gene ID

[8633](#)

UniProt ID

[O95185](#)