

Product datasheet for TP324257M

UNC5C (NM_003728) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human unc-5 homolog C (C. elegans) (UNC5C), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224257 representing NM_003728 Red =Cloning site Green =Tags(s)

MRKGLRATAARCGLLGLYLLQMLVLPALALLSASGTGSAAQDDDDFFHELPETFPSDPPEPLPHFLIEPEE
AYIVKNKPVNLYCKASPATQIYFKCNSEVWHQKDHIVDERVDETSGLIVREVSIEISRQQVEELFGPEDY
WCQCVAWSSAGTTKSRKAYVRIAYLRKTFEQEPLGKEVSLEQEVLLQCRPPEGIPVAEVEWLKNEDIIDP
VEDRNFYITIDHNLIIKQARLSDTANYTCVAKNIVAKRKSTTATVIVYVNGGWSTWTEWSVCNSRCGRGY
QKRTRTCTNPAPLNGGAFCEGQSVQKIACTTLCVPDGRWTPWSKWSTCGTECTHWRRRECTAPAPKNGGK
DCDGLVLQSKNCTDGLCMQTAPDSDDVALYVGIVIAVIVCLAISVWVLFVYRKNHRDFESDIIDSSALN
GGFQPVNIKAARQDLLAVPPDLTSAAMYRGPVYALHDVSDKIPMTNSPILDPLPNLKIKVYNTSGAVTP
QDDLSEFTSKLSPQMTQSLLENEALS LKNQSLARQTDPSCTAFGSFNSLGGHLIVPNSGVSLIPAGAIP
QGRVYEMYVTVHRKETMRPPMDDSQTLLTPVWSCGPPGALLTRPVVLTMHHCADPNTEDWKILLKNQAAQ
GQWEDVVVGEENFTTPCYIKLDAEACHILTENLSTYALVGHSTTKAAAKRLKLAIFGPLCCSSLEYSIR
VYCLDDTQDALKEILHLERQTGGQLLEPKALHFKGSTHNLRLSIHDIASLWKSLLAKYQEIPFYHW
SGSQRN LHCTFLERFSLNVELVCKLCVRQVEGEGQIFQLNCTVSEPTGIDLPLLDPANTITTTVTGPS
AFSIPLPIRQKLCSSLDAPQTRGHDWRMLAHKLNLDRLNYFATKSSPTGVILDLWEAQNFDPGNLSMLA
AVLEEMGRHETVWVSLAAEGQY

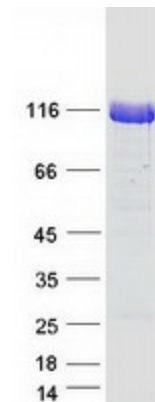
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	102.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003719
Locus ID:	8633
UniProt ID:	O95185 , A8K385
RefSeq Size:	3646
Cytogenetics:	4q22.3
RefSeq ORF:	2793
Synonyms:	UNC5H3
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Axon guidance

Product images:

Coomassie blue staining of purified UNC5C protein (Cat# [TP324257]). The protein was produced from HEK293T cells transfected with UNC5C cDNA clone (Cat# [RC224257]) using MegaTran 2.0 (Cat# [TT210002]).