

Product datasheet for PH324257

UNC5C (NM_003728) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UNC5C MS Standard C13 and N15-labeled recombinant protein (NP_003719)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224257
Predicted MW:	102.9 kDa
Protein Sequence:	>RC224257 representing NM_003728 Red=Cloning site Green=Tags(s)

MRKGLRATAARCGLGLGYLLQMLVLPALALLSASGTGSAQAQDDFFHELPETFPSPPEPLPHFLIEPEE
AYIVKNKPVNLYCKASPATQIYFKCNSEWVHQDHIIVDERVDETSGLIVREVSIEISRQVVEELFGPEDY
WCQCVAWSSAGTTKSRKAYVRIAYLRKTFEQEPLGKEVSLEQEVLLQCRPPEGIPVAEVEWLKNEIDIIDP
VEDRNFYITIDHNLIIKQARLSDTANYTCVAKNIVAKRKSTTATVIVYVNGGWSTWTEWSVCNSRCGRGY
QKRTRTCTNPAPLNGGAFCEGQSVQKIACTTLCVVDGRWTPWSKWSTCGTECTHWRRRECTAPAPKNGGK
DCDGLVLQSKNCTDGLCMQTAPDSDDVALYVGIVIAVIVCLAISVVVALFVYRKNHRDFESDIIDSSALN
GGFQPVNIKAARQDLLAVPPDLTSAAMYRGPVYALHDVSDKIPMTNSPILDPLPNLKIKVYNTSGAVTP
QDDLSEFTSKLSPQMTQSLLENEALSLKNQSLARQTDPSCTAFGSFNSLGGHLIVPNSGVSLIPAGAIP
QGRVYEMYVTVHRKETMRPPMDDSQTLLTPVVSCGPPGALLTRPVVLTMHHCADPNTEDWKILLKNQAAQ
GQWEDVVVVGEENFTTPCYIKLDAEACHILTENLSTYALVGHSTTKAAAKRLKLAIFGPLCCSSLEYSIR
VYCLDDTQDALKEILHLERQTGGQLLEEPKALHFKGSTHNLRLSIHIDIAHSLWKSLLAKYQEIPFYHVW
SGSQRNHCTFTLERFSLNTVELVCKLCVRQVEGEGQIFQLNCTVSEPTGIDLPLLDPANTITTTVGTGS
AFSIPLPPIRQKLCSSLDAPQTRGHDRMLAHKLNLDRYLNYFATKSSPTGVILDLWEAQNFDPGNLSMLA
AVLEEMGRHETVVSLAAEGQY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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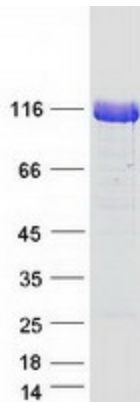
RefSeq:	NP_003719
RefSeq Size:	3646
RefSeq ORF:	2793
Synonyms:	UNC5H3
Locus ID:	8633
UniProt ID:	O95185 , A8K385
Cytogenetics:	4q22.3

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]).