

Recombinant Human UNC5C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UNC5C-674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UNC5C MS Standard C13 and N15-labeled recombinant protein (NP_003719) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	102.9 kDa
AA Sequence	MRKGLRATAARCGGLGLGYLLQMLVLPALALLSASGTGSAAQDDDDFFHELPETFPSD PPEPLPHFLIEPEEAYIVKNKPVNLYCKASPATQIYFKCNSEVWHQKDHIVDERVDET SGLIVREVSIEISRQQVEELFGPEDYWCQCVAWSSAGTTKSRKAYVRIAYLRKTFEQ EPLGKEVSLEQEVLLQCRPPEGIPVAEVEWLKNEDIIDPVEDRNFYITIDHNLIIKQARL SDTANYTCVAKNIVAKRKSTTATVIVYVNGGWSTWTEWSVCNSRCGRGYQKRTRT CTNPAPLNGGAFCEGQSVQKIACTTLCVPDGRWTPWSKWSTCGTECTHWRRREC

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TAPAPKNGGKDCDGLVLQSKNCTDGLCMQTAPDSDDVALYVGIVIAVIVCLAISVVVA
 LFVYRKNHRDFESDIIDSSALNGGFQPVNIKAARQDLLAVPPDLTSAAAMYRGPVYA
 LHDVSDKIPMTNSPILDPLPNLKIKVYNTSGAVTPQDDLSEFTSKLSPQMTQSLENE
 ALSLKNQSLARQTDPSCTAFGSFNSLGGHLIVPNSGVSLIPAGAIPQGRVYEMYVT
 VHRKETMRPPMDDSQTLLTPVVSCGPPGALLTRPVVLTMHHCADPNTEWDKILLKN
 QAAQGQWEDVVVVGEENFTTPCYIKLDAEACHILTENLSTYALVGHSTTKAAAKRLK
 LAIFGPLCCSSLEYSIRVYCLDDTQDALKEILHLERQTGGQLLEPKALHFKGSTHNL
 RLSIHDAHSLWWSKLLAKYQEIPFYHVWSGSQRNLHCTFTLERFSLNTVELVCKLCV
 RQVEGEGQIFQLNCTVSEEPTGIDLPLDPANTITTVTGPSAFSIPPIRQKLCSSLDA
 PQTRGHDWRMLAHKLNLDRLNYFATKSSPTGVILDLWEAQNFDPGNLSMLAAVLE
 EMGRHETVVSAAEGQYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name UNC5C unc-5 netrin receptor C [Homo sapiens (human)]

Official Symbol UNC5C

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

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UNC5H3;

Gene ID 8633

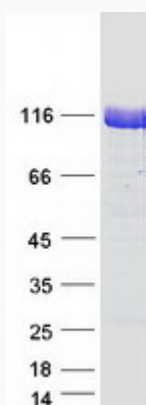
mRNA Refseq NM_003728

Protein Refseq NP_003719

MIM 603610

UniProt ID O95185

SDS-PAGE



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