

# 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

MRKGLRATAARCGLGLGYLLQMLVLPALALLSASGTGSAAQDDDDFFHELPETFPSD  
 PPEPLPHFLIEPEEAYIVKNKPVNLYCKASPATQIYFKCNSEWVHQKDHIVDERVDET  
 SGLIVREVSIEISRQQVEELFGPEDYWCQCVAWSSAGTTKSRKAYVRIAYLRKTFEQ  
 EPLGKEVSLEQEVLLQCRPPEGIPVAEVEWLKNEDIIDPVEDRNFYITIDHNLIKQARL  
 SDTANYTCVAKNIVAKRKSTTATVIVYVNGGWSTWTEWSVCNSRCGRGYQKRTRT  
 CTNPAPLNGGAFCEGQSVQKIACCTTLCPVDGRWTPWSKWSTCGTECTHWRRREC

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TAPAPKNGGKDCDGLVLQSKNCTDGLCMQTAPDSDDVALYVGIVIAVIVCLAISVVVA  
 LFVYRKNHRDFESDIIDSSALNGGFQPVNIKAARQDLLAVPPDLTSAAAMYRGPVYA  
 LHDVSDKIPMTNSPILDPLPNLKIKVYNTSGAVTPQDDLSEFTSKLSPQMTQSLENE  
 ALSLKNQSLARQTDPSCTAFGFSFNSLGGHLIVPNSGVSLIPAGAIPQGRVYEMYVT  
 VHRKETMRPPMDDSQTLTPVVSCGPPGALLTRPVVLTMHHCADPNTEWDKILLKN  
 QAAQGWEDVVVVGEENFTTPCYIKLDAEACHILTENLSTYALVGHSTTKAAAKRLK  
 LAIFGPLCCSSLEYSIRVYCLDDTQDALKEILHLERQTGGQLLEEPKALHFKGSTHNL  
 RLSIHDIASLWKSLLAKYQEIPFYHVWSGSQRNLHCTFTLERFSLNTVELVCKLCV  
 RQVEGEGQIFQLNCTVSEEPTGIDLPLDPANTITVTGPSAFSIPPIRQKLCSSLDA  
 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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UNC5H3;

**Gene ID**

8633

**mRNA Refseq**

NM\_003728

**Protein Refseq**


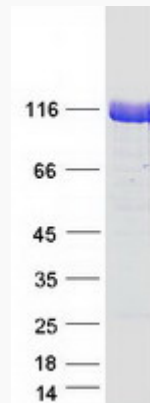

NP\_003719

**MIM**

603610

**UniProt ID**

O95185

**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA