

## Product datasheet for PH312389

### UNC5A (NM\_133369) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UNC5A MS Standard C13 and N15-labeled recombinant protein (NP_588610)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212389
Predicted MW:	92.8 kDa
Protein Sequence:	>RC212389 representing NM_133369 Red=Cloning site Green=Tags(s)

MAVRPGLWPALLGIVLAAWLRGSGAQQSATVANPVPGANPDLLPHFLVEPEDVYIVKNKPVLLVCKAVPA  
TQIFFKCNGEWVRQVDHVIERSTDGSSGLPTMEVRINVSRRQVEKVFGLLEEWQCVAWSSSGTTKSQKA  
YIRIAYLRKNFEQEPLAKEVSLEQGIIVLPCRPEGIPPAEVEWLRNEDLVDPSPDNVYITREHSLVVRQ  
ARLADTANYTCVAKNIVARRRSASAAVIVYVDGWSWSPKWSACGLDCTHWSRECSDPAPRNGGEECQG  
TDLDRNCTSDLCVHTASGPEDVALYVGLIAVAVCLVLLLLVLILVYCRKKEGLSDVADSSILTSGFQP  
VSIKPSKADNPHELLTIQPDLSTTTTTYQGSQCPRQDGPSPKFQLTNGHLLSPLGGGRHTLHSSPTSEAE  
EFVSRSLSTQNYFRSLPRGTSNMTYGTFNFLGGRLMIPNTGISLLIPPDAIPRGKIYEIYLTLHKPEDVRL  
PLAGCQTLSPIVSCGPPGVLLTRPVILAMDHCGEPSDPSWLRKQKQCEGSDVHLGEEAPSHLYY  
CQLEASACYVFTQELGRFALVGEALSVAAAKRLKLLLFAPVACTSLEYNIRVYCLHDTHDALKEVVQLEK  
QLGGQLIQEPRVLHFKDSYHNLRLSIHDVPSLWKSLLVSYQEIPFYHIWNGTQRYLHCTFTLERVSPS  
TSDLACKLWVWQVEGDGQSF SINFNITKDTRFAELLALESEAGVPALVGPSTAFKIPFLIRQKIISLDP  
CRRGADWRTLAQKLHLDLHLSFFASKPSPTAMILNLWEARHF PNGNLSQLAAAVAGLGPDPADGLFTVSEAE  
EC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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\\_588610](#)

RefSeq Size: 3749

RefSeq ORF: 2526

Synonyms: UNC5H1

Locus ID: 90249

UniProt ID: [Q6ZN44](#)

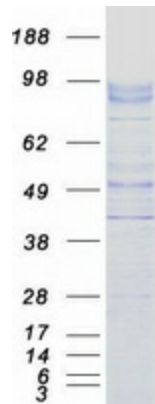
Cytogenetics: 5q35.2

**Summary:** UNC5A belongs to a family of netrin-1 (MIM 601614) receptors thought to mediate the chemorepulsive effect of netrin-1 on specific axons. For more information on UNC5 proteins, see UNC5C (MIM 603610).[supplied by OMIM, Apr 2004]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Axon guidance

### Product images:



Coomassie blue staining of purified UNC5A protein (Cat# [TP312389]). The protein was produced from HEK293T cells transfected with UNC5A cDNA clone (Cat# [RC212389]) using MegaTran 2.0 (Cat# [TT210002]).