

Product datasheet for **TP312389L**

UNC5A (NM_133369) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human unc-5 homolog A (C. elegans) (UNC5A), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212389 representing NM_133369 Red =Cloning site Green =Tags(s)

MAVRPGLWPALLGIVLAAWLRGSGAQQSATVANPVPGANPDLLPHFLVEPEDVYIVKNKPVLLVCKAVPA
TQIFFKCNGEWVRQVDHVIERSTDGSSGLPTMEVRINVSRRQVEKVFGLLEEYWCQCVAWSSSGTTKSQKA
YIRIAYLRKNFEQEPLAKEVSLEQGIVLPCRPEGIPPAEVEWLRNEDLVDPSPDNVYITREHSLVVRQ
ARLADTANYTCVAKNIVARRRSASAAVIVYVDGWSWSPWSKWSACGLDCTHWSRECSDPAPRNGGEECQG
TDLDRNCTSDLCVHTASGPEDVALYVGLIHAVAVCLVLLLLVLILVYCRKKEGLDSDVADSSILTSQGFQP
VSIKPSKADNPHLLTIQPDLSSTTTTYQGSLCPRQDGPSPKFQLTNGHLLSPLGGGRHTLHHSSPTSEAE
EFVSRSLSTQNYFRSLPRGTSNMITYGTFNFGGRLMIPNTGISLLIPDAIPRGKIYEIYLTLHKPEDVRL
PLAGCQTLSPIVSCGPPGVLLTRPVILAMDHCGEPSDPSWLRLLKQSCGSEWEDVLHLGEEAPSHLYY
CQLEASACYVFTEQLGRFALVGEALSVAARKLKLFFAPVACTSLEYNIRVYCLHDTHDALKEVQLEK
QLGGQLIQEPRVLHFKDSYHNLRLSIHDVPSSLWKSLLVSYQEIPFYHIWNGTQRYLHCTFTLERVSPS
TSDLACKLWWWQVEGDGQSFNITKDTRFAELLALESEAGVPALVGPSPAFKIPFLIRQKISSLPPP
CRRGADWRTLAQKLHLDHLSFFASKPSPTAMILNLWEARHFPNGNLSQLAAVAGLGQPDAGLFTVSEA
EC

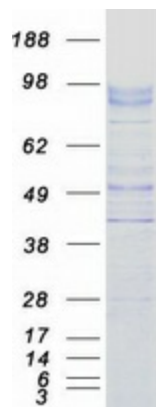
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	92.8 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_588610
Locus ID:	90249
UniProt ID:	Q6ZN44
RefSeq Size:	3749
Cytogenetics:	5q35.2
RefSeq ORF:	2526
Synonyms:	UNC5H1
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]).