

## Product datasheet for **TP312389**

### UNC5A (NM\_133369) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human unc-5 homolog A (*C. elegans*) (UNC5A), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC212389 representing NM\_133369  
**Red**=Cloning site **Green**=Tags(s)

MAVRPGLWPALLGIVLAAWLRGSGAQQSATVANPVPGANPDLLPHFLVEPEDVYIVKNKPVLLVCKAVPA  
TQIFFKNGEWVRQVDHVIERSTDGSSGLPTMEVRINVSRRQVEKVFGLLEEYWCQCVAWSSSGTTKSQKA  
YIRIAYLRKNFEQEPLAKEVSLEQGIVLPCRPEGIPPAEVEWLRNEDLVDPSPDNVYITREHSLVVRQ  
ARLADTANYTCVAKNIVARRRSASAAVIVYVDGWSWSPWSKWSACGLDCTHWSRECSDPAPRNGGEECQG  
TDLDRNCTSDLCVHTASGPEDVALYVGLIHAVAVCLVLLLLVLILVYCRKKEGLDSDVADSSILTSQFQP  
VSIKPSKADNPHLLTIQPDLSSTTTTTYQGSLCPRQDGPSPKFQLTNGHLLSPLGGGRHTLHHSSPTSEAE  
EFVSRSLSTQNYFRSLPRGTSNMITYGTFNFLGGRLMIPNTGISLLIPDAIPRGKIYEIYLTLHKPEDVRL  
PLAGCQTLSPIVSCGPPGVLLTRPVILAMDHCGEPPSWSLRLKKQSCGSEWEDVLHLGEEAPSHLYY  
CQLEASACYVFTEQLGRFALVGEALSVAANKRLKLLFAPVACTSLEYNIRVYCLHDTHDALKEVQLEK  
QLGGQLIQEPRVLHFKDSYHNLRLSIHDVPSSLWKSLLVSYQEIPFYHIWNGTQRYLHCTFTLERVSPS  
TSDLACKLWWWQVEGDGQSFSINFNITKDTRFAELLALESEAGVPALVGPSPAFKIPFLIRQKISSLPPP  
CRRGADWRTLAQKLHLDHLSFFASKPSPTAMILNLWEARHFPNGNLSQLAAAVAGLGQPDAGLFTVSEA  
EC

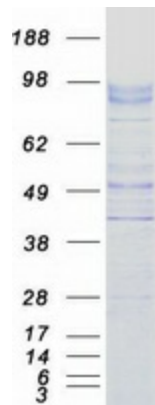
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_588610</a>
<b>Locus ID:</b>	90249
<b>UniProt ID:</b>	<a href="#">Q6ZN44</a>
<b>RefSeq Size:</b>	3749
<b>Cytogenetics:</b>	5q35.2
<b>RefSeq ORF:</b>	2526
<b>Synonyms:</b>	UNC5H1
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	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]).