

## Product datasheet for TP318267M

### UNC5B (NM\_170744) Human Recombinant Protein

#### Product data:

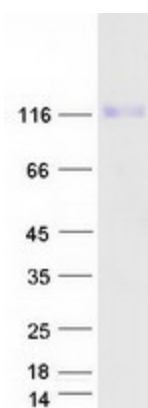
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human unc-5 homolog B (C. elegans) (UNC5B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218267 representing NM_170744 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGARSGARGALLLALLLCWDPRLSQAGTDSGSEVLPDSFSPSAPAEPLPYFLQEPQDAYIVKNKPVELRCR AFPATQIYFKCNGEWSQNDHVTQEGLDEATGLRVREVQIEVSRQQVEELFGLEDYWCQCVAWSSAGTTK SRRAYVRIAYLRKNFDQEPLGKEVPLDHEVLLQCRPPEGVPVAEVEWLKNEDVIDPTQDTNFLTIDHNL IIRQARLSDTANYTCVAKNIVAKRRSTTATVIVVNGGWSSWAEWSPCSNRCGRGWQKRTRCTNPAPLN GGAFCEGQAFQKTACTIONCPVDGAWTEWSKWSACSTECAHWRSRECMAPPPQNGGRDCSGTLLDSKNCTD GLCMQNKKTLSDPNSHLLEASGDAALYAGLVVAIFVVVAILMAVGWVYRRNCRDFDITDSSAALTGG FHPVNFKTARPSNPQLLHPSVPPDLTASAGIYRGPVYALQDSTDKIPMTNSPLLDPLSLKVKYSSSTT GSGPGLADGADLLGVLPPGTYPDFARDTHFLHLSASLGSQQLGLPRDPGSSVSGTFGCLGGRLSIPG TGVSLLPNGAIPQGKFYEMYLINKAESTLPLESGTQTVLSPSVTCGPTGLLLCRPVILTMPHCAEVSA RDWIFQLKTQAHQGHWEVTLDEETLNTPCYCQLEPRACHILLDQLGTYVFTGESYSRSVAVKRLQLAVF APALCTSLEYSRLRVYCLEDPVALKEVLELERTLGGYLVEEPKPLMFKDSYHNLRSLHDLPHAHWRSLK LAKYQEIPFYHIWGSQKALHCTFTLERHSLASTELETCKICVRQVEGEGQIFQLHTTAEAPAGSLDTLC SAPGSTVTTQLGPYAFKIPLSIRQKICNSLDAPNSRGNDRMLAQKLSMDRYLNYFATKASPTGVILDW EALQQDDGDLNSLASALEEMGKSEMLVAVATDGDC</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	103.5 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_734465</a>
<b>Locus ID:</b>	219699
<b>UniProt ID:</b>	<a href="#">Q8IZJ1</a>
<b>RefSeq Size:</b>	3935
<b>Cytogenetics:</b>	10q22.1
<b>RefSeq ORF:</b>	2835
<b>Synonyms:</b>	p53RDL1; UNC5H2
<b>Summary:</b>	This gene encodes a member of the netrin family of receptors. This particular protein mediates the repulsive effect of netrin-1 and is a vascular netrin receptor. This encoded protein is also in a group of proteins called dependence receptors (DpRs) which are involved in pro- and anti-apoptotic processes. Many DpRs are involved in embryogenesis and in cancer progression. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Oct 2011]
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Axon guidance

### Product images:



Coomassie blue staining of purified UNC5B protein (Cat# [TP318267]). The protein was produced from HEK293T cells transfected with UNC5B cDNA clone (Cat# [RC218267]) using MegaTran 2.0 (Cat# [TT210002]).