

Product datasheet for **TP318267**

UNC5B (NM_170744) Human Recombinant Protein

Product data:

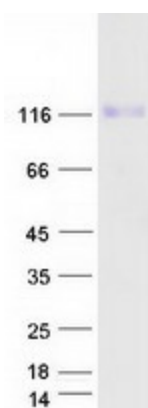
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human unc-5 homolog B (C. elegans) (UNC5B), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218267 representing NM_170744 Red =Cloning site Green =Tags(s)
	<p>MGARSGARGALLLALLLCWDPRLSQAGTDSGSEVLPDSFSPSAPAEPLPYFLQEPQDAYIVKNKPVELRCR AFPATQIYFKCNGEWSQNDHVTQEGLDEATGLRVREVQIEVSRQQVEELFGLEDYWCQCVAWSSAGTTK SRRAYVRIAYLRKNFDQEPLGKEVPLDHEVLLQCRPPEGVPVAEVEWLKNEDVIDPTQDTNFLTIDHNL IIRQARLSDTANYTCVAKNIVAKRRSTTATVIVVNGGWSSWAEWSPCSNRCGRGWQKRTRCTNPAPLN GGAFCEGQAFQKTACTIONCPVDGAWTEWSKWSACSTECAHWRSRECMAPPPQNGGRDCSGTLLDSKNCTD GLCMQNKKTLSDPNSHLLEASGDAALYAGLVVAIFVVVAILMAVGWVYRRNCRDFDITDSSAALTGG FHPVNFKTARPSNPQLLHPSVPPDLTASAGIYRGPVYALQDSTDKIPMTNSPLLDPLSLKVKYSSSTT GSGPGLADGADLLGVLPPGTYPDFARDTHFLHLSASLGSQQLLGLPRDPGSSVSGTFGCLGGRLSIPG TGVSLLPNGAIPQGKFYEMYLINKAESTLPLESGTQTVLSPSVTCGPTGLLLCRPVILTMPHCAEVSA RDWIFQLKTQAHQGHWEVTLDEETLNTPCYCQLEPRACHILLDQLGTYVFTGESYSRSVAVKRLQLAVF APALCTSLEYSRLRVYCLEDTVALKEVLELERTLGGYLVEEPKPLMFKDSYHNLRSLHDLPHAHWRSLK LAKYQEIPFYHIWGSQKALHCTFTLERHSLASTEELTCKICVRQVEGEGQIFQLHTTLAETPAGSLDTLC SAPGSTVTTQLGPYAFKIPLSIRQKICNSLDAPNSRGNDRMLAQKLSMDRYLNYFATKASPTGVILDW EALQQDDGDLNSLASALEEMGKSEMLVAVATDGDC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</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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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_734465
Locus ID:	219699
UniProt ID:	Q8IZJ1
RefSeq Size:	3935
Cytogenetics:	10q22.1
RefSeq ORF:	2835
Synonyms:	p53RDL1; UNC5H2
Summary:	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]
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	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]).