

## Product datasheet for PH318267

### UNC5B (NM\_170744) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UNC5B MS Standard C13 and N15-labeled recombinant protein (NP_734465)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218267
Predicted MW:	103.5 kDa
Protein Sequence:	>RC218267 representing NM_170744 Red=Cloning site Green=Tags(s)

MGARSGARGALLLALLLCWDPRLSQAGTDSGSEVLPDSFSPAPAEPLPYFLQEPQDAYIVKNKPVLELRCR  
AFPATQIYFKCNGEWSQNDHVTQEGLDEATGLRVREVQIEVSRQVEELFGLEDYWCQCVAWSSAGTTK  
SRRAYVRIAYLRKNFDQEPLGKEVPLDHEVLLQCRPPEGVPVAEVEWLKNEVDIDPTQDTNFLTIDHNL  
IIRQARLSDTANYTCVAKNIVAKRRSTTATVIVYVNGGWSWAEWSPCSNRCGRGWQKRTRCTNPAPLN  
GGAFCEGQAFQKTACTTICPVDGAWTEWSKWSACSTECAHWSRECMAPPQNGGRDCSGTLTDSKNCTD  
GLCMQNKKTLSDPNSHLLEASGDAALYAGLVVAIFVVVAILMAVGVVVYRRNCRDFDTIDTSSAALTGG  
FHPVNFKTARPSNPQLLHPSVPPDLTASAGIYRGPVYALQDSTDKIPMTNSPLLDPLPSLKVKVYSSSTT  
GSGPGLADGADLLGVLPPGTYPDFARDTHFLHLRSASLSGQQLLGLPRDPGSSVSGTFGCLGGRLSIPG  
TGVSLLPNGAIPQGFYEMYLLINKAESTLPLSEGTQTVLSPSVTCGPTGLLLCRPVILTMPHCAEVSA  
RDWIFQLKTAHQGHWEVVTLDEETLNTPCYQCLEPRACHILLDQLGTYVFTGESYSRSVAVKRLQLAVF  
APALCTSLEYSRLVYCYLEDTPVALKEVLELERTLGGYLVEEPKPLMFKDSYHNLRLSLHDLPHAHWSKSL  
LAKYQEIFPHYIWSGSQKALHCTFTLERHSLASTELTCKICVRQVEGEGQIFQLHTTLAETPAGSLDTLC  
SAPGSTVTTQLGPYAFKIPLSIRQKICNSLDAPNSRGNDWRMLAQKLSMDRYLNYFATKASPTGVILDLW  
EALQQDDGDLNSLASALEEMGKSEMLVAVATDGDC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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\\_734465](#)

RefSeq Size: 3935

RefSeq ORF: 2835

Synonyms: p53RDL1; UNC5H2

Locus ID: 219699

UniProt ID: [Q8IZ11](#)

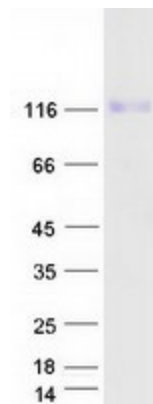
Cytogenetics: 10q22.1

**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]).