

Product datasheet for **SC332102**

UNC5B (NM_001244889) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UNC5B (NM_001244889) Human Untagged Clone
Tag:	Tag Free
Symbol:	UNC5B
Synonyms:	p53RDL1; UNC5H2
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332102 representing NM_001244889.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGGCCCGGAGCGGAGCTCGGGGCGCGTCTGCTGGCACTGCTGCTCTGCTGGGACCCGAGGCTG
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Restriction Sites: SgfI-MluI
ACCN: NM_001244889
Insert Size: 2805 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001244889.1</u>
RefSeq Size:	6874 bp
RefSeq ORF:	2805 bp
Locus ID:	219699
UniProt ID:	<u>Q8IZJ1</u>
Cytogenetics:	10q22.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Axon guidance
MW:	102.4 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate, in-frame, exon in the coding region, compared to variant 1. The resulting protein (isoform 2) is shorter when it is compared to isoform 1.</p>