

Product datasheet for **RN207775**

Unc5b (NM_022207) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Unc5b (NM_022207) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Unc5b
Synonyms:	Unc5h2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN207775 representing NM_022207
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGGCCCGAGCGGGCGCGGGCGCGCTGCTGCTGGCGCTGCTGCTGCTGCTGGGATCCGACACCGA
 GCTTAGCAGGCATTGACTCTGGTGGCCAGGCACTCCAGACTCCTTCCCATCAGCACCCGCGGAGCAGCT
 GCCTCACTTCTGCTGGAACAGAGGATGCCTACATCGTAAAGAACAAGCCAGTGAATGCACTGCCGA
 GCCTTCCCTGCCACACAGATCTACTTCAAGTGAATGGCGAGTGGGTTAGCCAGAAAGGCCACGTACGC
 AGGAGAGCCTGGATGAGGCCACAGGCTTGCGAATACGAGAGGTGCAGATAGAGGTGTGCGGCAGCAGGT
 GGAGGAACTTTTGGGCTCGAGGACTACTGGTGTGAGTGCCTGGGCTCTTCGGAAACCACCAAG
 AGTCGCCGAGCCTACATCCGATTGCCTACTTGCAGCAAGAACTTTGACCAGGAGCCTCTGGCGAAGGAGG
 TACCCTTGGATCATGAGGTCCTTCTGCAGTGCCGCCACCAGAGGGAGTGCCTGTGGCTGAGGTGGAATG
 GCTCAAGAATGAAGATGTCATCGATCCCGCTCAGGACACTAACTTCTGCTCACCATTGACCACAACCTC
 ATCATCCGCCAGGCGCGCTCTCAGACACAGCCAACTACACCTGTGTGGCAAAGAATATTGTGGCCAAGC
 GCCGGAGCACGACGGCCACAGTCATCGTCTATGTGAACGGAGGTTGGTCCAGCTGGGCAGAAATGGTACC
 CTGCTCTAACCGCTGCGGCCGAGGTTGGCAGAAACGTAAGTACTAGGACCTGCACCAACCCAGCCCACTCAAT
 GGAGGTGCCTTCTGCGAGGGACAGGCTTGCAGAAAGACGGCTTGCACCACCGTGTGCCAGTGGATGGAG
 CGTGGACTGAGTGGAGCAAGTGGTCCGCTGCAGCACAGAGTGTGCGCACTGGCGCAGCCGCGAGTGCAT
 GGCACCCGCCCCAGAACCGAGGCCGTGACTGCAGCGGGACGCTACTTACTCCAAGAAGTGCACCGAT
 GGGCTGTGCGTGTGAATCAGAGAACTTAAACGACCTAAAAGCCGCCCCCTGGAGCCGTCGGGAGCAG
 TGGCGTGTATGCGGGCCTCGTGGTGGCGTCTTGTGGTCTGCGAGTCTCATGGCTAGGAGTGTGAT
 CGTGTACCGGAGAACTGCCGGACTTCGACACGGACATCACTGACTCCTCTGCTGCCCTCACTGGTGGT
 TTCCACCCGTCAACTTCAAGACTGCAAGGCCAGCAACCCACAGCTCCTGCACCCATCCGCCCTCCGG
 ACCTAACGGCCAGTGTGGCATCTACCGCGACCTGTGTATGCCCTGCAGGACTCTGCCACAAGATCCC
 TATGACTAATCACCCCTTCTGGATCCCTTGCCAGCCTCAAGATCAAGGTCTATGACTCCAGCACCATC
 GGCTCTGGGGCTGGCCTGGTGTGAGAGCCGACCTGCTGGGTGTCTTACCACCCGGTACATACCCAGGGC
 ATTTCTCCGGGACACCCACTTCTGCACCTGCGCAGCGCCAGCCTTGGTCCCAGCACCTCTGGGCT
 CCCTCGAGACCCAGCAGCAGTGTGAGTGGCACCTTTGGTTCCTGGGTGGGAGGCTGACCATTCCCGGC
 ACAGGGGTGAGCCTGTTGTACCAAATGGAGCCATTCCCAGGGCAAGTCTATGACTTGTATCTACGTA
 TCAACAAGACTGAAAGCACCCCTCCCACTTTCGGAAGGTTCCAGACAGTATTGAGCCCTCGGTGACCTG
 CGGGCCACGGGCTCCTCCTGTGCCGCCCTGTTGCCTCACTGTGCCCACTGTGCTGAAGTATTGCC
 GGAGACTGGATCTTCCAGCTCAAGACCCAGGCCATCAGGGCCACTGGGAGGAGGTGGTACTTTGGATG
 AGGAGACTCTGAACACCCCTGCTACTGCCAGCTAGAGGCTAACTCCTGCCACATCCTGTTGGACCAGCT
 GGGTACCTACGTGTTACGGGCGAGTCTACTCCCGCTCCGCAAGTCAAGCGGCTCCAGCTAGCCATCTTC
 GCCCAGCCCTCTGCACCTCCCTGGAGTATAGTCTCAGGCTACTGTCTGGAGGACACTCTGCAGCAC
 TGAAGGAGGTCTAGAGCTGGAGAGGACTCTGGGTGGCTACTTGGTGGAGGAGCCCAAGACTTTGCTCTT
 TAAGGACAGTTACCACAACCTACGNCTCCCTCCATGACATCCCCATGCCCACTGGAGGAGCAAATA
 CTGGCCAAGTACCAGGAGATCCCTTCTACCATGTGTGGAACGGCAGCCAGAAAGCCCTGCACTGCACTT
 TCAACCCTGGAGAGACATAGCCTAGCCTCACTGAGTTCACCTGTAAGGTCTGCGTGCAGGAGTGAAGG
 GGAAGGCCAGATTTTCCAGCTGCACACCAGCTGGCTGAGACGCCTGCTGGCTCCCTGGATGCACTCTGC
 TCTGCCCTGGCAATGCTGCCACCACACAGCTGGGACCCATGCTTCAAGATACCAGTGTCCATCCGCC
 AGAAGATCTGCAACAGCCTGGACGCCCAACTCACGGGCAATGACTGGCGGCTGTTGGCACAGAAGCT
 CTCCATGGACCGTACCTGAAGTACTTCGCCACCAAAGCTAGTCCACAGGCGTGTCTTAGACCTCTGG
 GAAGCTCGGCAGCAGGATGATGGGACCTCAACAGCCTGGCCAGTGCCTTGGAGGAGATGGCAAGAGTG
 AGATGCTGGTAGCCATGACCACTGATGGCGATTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_022207
Insert Size:	2838 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:	NM_022207.1 , NP_071543.1
RefSeq Size:	2838 bp
RefSeq ORF:	2838 bp
Locus ID:	60630
UniProt ID:	O08722
Cytogenetics:	20q11
Gene Summary:	a netrin receptor involved in neuronal migration [RGD, Feb 2006]