

Product datasheet for **RN201200**

Unc5a (NM_022206) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Unc5a (NM_022206) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Unc5a
Synonyms:	Unc5h1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201200 representing NM_022206
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGTCGGCCCGGCTGTGGCCAGTGCTCCTGGGCATAGTCTCGCCGCTGGCTTCGTGGTTCGG
 GTGCCAGCAGAGTGCCACGGTGGCCAATCCAGTGCCCGGTGCCAACCCGACCTGCTGCCCACTTCTT
 GGTAGAGCCTGAGGACGTGTACATTGTCAAGAACAAGCCGGTGTGTTGGTGTGCAAGGCTGTGCCTGCC
 ACCCAGATCTTCTCAAGTGCAATGGGGAATGGTCCGCCAGGTCGATCACGTAATTGAACGCAGCACCG
 ACAGCAGCAGCGGATTGCCAACCATGGAGTCCGTATCAACGTATCGAGGCAGCAGGTAGAGAAAGTGT
 TGGGCTGGAGGAATACTGGTGCCAGTGTGTGGCATGGAGTCTCTCGGGTACCACAAAAGTGCAGAAGGCC
 TACATCCGGATTGCCTATTTGCGCAAGAAGTCTTGGAGCAGGAGCCACTGGCCAAGGAAGTGCCTGAGC
 AAGGCATTGTACTACCTGTGCCCCCAGAAGGAATCCCCCAGCTGAGGTGGAGTGGCTTCGAAATGA
 GGACCTCGTGGACCCCTCCCTCGATCCCAATGTGTACATCACGGGGAGCACAGCCTAGTCGTGCGTCAG
 GCCCGCCTGGCCGACACGGCCAACCTACACCTGTGTGGCCAAGAACATCGTAGCCCGTCCGGAAGCACCT
 CTGCAGCGGTCAATTGTTATGTGAACGGTGGTGGTGCAGCTGGACTGAGTGGTCCGCTGCAGCGCCAG
 CTGTGGGCGTGGCTGGCAGAAACGGAGCCGGAGCTGCACCAACCCGGCACCTCTCAACGGGGGCGCCTTC
 TGTGAGGGGCAGAATGTCCAGAAAACAGCCTGCGCCACTCTGTGCCCAAGTGGAGTGGAGTTCGT
 GGAGTAAGTGGTCAAGCTGTGGGCTTACTGCACCCACTGGCGGAGCCGCGAGTGTCTGACCCAGCACC
 CCGCAATGGAGGTGAGGAGTGTGGGGTGTGACTGCACCCACTGGCGGAGCCGCGAGTGTCTGACCCAGCACC
 CACACCCGCTTCTGCCCCGAGGACGTGGCTCTACATCGGCCTGTGCGTGTGGCTGTGCTGCCTTCTT
 TGCTGTTGCTGGCCCTTGACTCATTACTGTGCGCAAGAAGGAAGGGCTGGACTCCGATGTGGCCGACTC
 GTCCATCCTCACCTCGGGCTTCCAGCCTGTGAGCATCAAGCCAGCAAAGCAGACAACCCACCTGCTC
 ACCATCCAGCCAGACCTCAGCACCACTACCACTACCAGGGCAGTCTATGTTGAGGAGGATGGAC
 CCAGCCCCAAGTCCAGCTCTAATGGTCACTGCTCAGCCACTGGGAGTGGCCGCCATACGTTGCA
 CCACAGCTCACCCACCTGAGGCTGAGGACTTCGTCTCCCGCTCTCCACCCAAAACCTTTCTGTTCC
 CTGCCCGCGGCACCAGCAACATGGCCTACGGGACCTTCAACTTCTCGGGGGCCGGCTGATGATCCCTA
 ATACGGGGATCAGCCTCCTACACCCCGGATGCCATCCCCGAGGAAAGATCTACGAGATCTACCTCAC
 ACTGCACAAGCCAGAAGACGTGAGGTTGCCCTAGCTGGCTGTCAGACCCTGCTGAGTCCAGTCTGTTAGC
 TGTGGGCCCCAGGAGTCTGCTCACCCGGCCAGTCATCCTTGAATGGACCACTGTGGAGAGCCAGCC
 CTGACAGCTGGAGTCTGCGCCTCAAAAAGCAGTCTGCGAGGGCAGTTGGGAGGATGTGCTGCACCTTGG
 TGAGGAGTCACTTCCCACCTCTACTACTGCCAGCTGGAGGCCGGGGCCTGCTATGTCTTACGGAGCAG
 CTGGGCGCCTTTGCCCTGGTAGGAGAGGCCCTCAGCGTGGCTGCCACCAAGCGCCTCAGGCTCCTTCTGT
 TTGCTCCCGTGGCCTGTACGTCCCTTGTGAGTACAACATCCGAGTGTACTGCCTACACGACCCACGACGC
 TCTCAAGGAGGTGGTGCAGCTGGAGAAGCAGCTAGGTGGACAGCTGATCCAGGAGCCTCGCGTCTGCAC
 TTCAAAGACAGTTACCACAACCTACGTCTCTCCATCCACGACGTGCCAGCTCCCTGTGGAAGAGCAAGC
 TACTTGTCACTACCAGGAGATCCCTTTTACCACATCTGGAACGGCACCCAGCAGTATCTGCACTGCAC
 CTTACCCTGGAGCGCATCAACGCCAGCACCCAGCAGCTGGCCTGCAAGGTGTGGTGTGGCAGGTGGAG
 GGAGATGGGCAGAGCTTCAACATCAACTTCAACATCACTAAGGACACAAGGTTTGTGAATTGTTGGCTC
 TGGAGAGTGAAGGGGGGTCCCAGCCCTGGTGGGCCCCAGTGCCTTCAAGATCCCCTTCTCATTGGCA
 AAAGATCATCGCCAGTCTGGACCCACCTGCAGCCGGGGCCTGACTGGAGAAGTCTAGCCAGAAAACCT
 CACCTGGACAGCCATCTTAGCTTCTTGGCTCCAAGCCAGCCCTACAGCCATGATCCTCAACCTATGGG
 AGGCACGGCACTTCCCAACGGCAACCTCGCCAGCTGGCAGCAGCTGTGGCCGGACTGGCCAACCAGA
 TGCTGGCCTTTCACGGTGTGGAGGCCGAGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_022206

Insert Size:	2697 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_022206.1 , NP_071542.1
RefSeq Size:	2697 bp
RefSeq ORF:	2697 bp
Locus ID:	60629
UniProt ID:	O08721
Cytogenetics:	17p14
Gene Summary:	a netrin receptor involved in neuronal migration [RGD, Feb 2006]