

Product datasheet for **RN217776**

Unc79 (NM_001271253) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Unc79 (NM_001271253) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Unc79
Synonyms:	RGD1311117
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217776 representing NM_001271253 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGATCTCAACGCTAGCCACCTTCCCTCCATTCTCCACAAGGATATTATCGAATATCTTAGCACATCTT
TTCTACCGATGGCTATATTGGGGTCTCCAGGAGAGAAGGTGTTCCGGCCCATGTTAACCTCTCTGCGTC
CTCCATGCTGATGATCGCGATGCAGTACACCTTAACCCAGTGTATCATTGTCAATTGTTGGAATGCCTC
ATGAAGTATAACAAGAAGTCTGGAAAGATCTTTGTATGTGATTGCCTATGGGCCTTCCAGGTGAAGC
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GGGCTTACAATACACAGCTTGAATCCCATCCACTGCCAGCACATTGAATGTCAATGCAATCAACAAG
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CCGGGAGTGTGGGGCGGAGGAGCTGGTCTGCGCTGTGGAGGCAGTGATCAGCTTGTGAAGGAAGCGGAG
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GGCTTTATTAGCTGTCGGTTTACAGGATATCCCTCCACTGTGCAGGAGCAAGCGCTACTCTGGCTTCATG
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ACCCTGAAAGGAAGGTGGAGGAGGATGGAGCCGAGGAATCAGAATTTAAGATTAGATCGTCCCCAGGCA
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 TCTTCCCTCAGCTCTTCCAGAGTGCCATCAAAGATGGGACTTTTTACGGACCTTAGCCACATCTCTCAT
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 AGCAGATGATAGCCTCTGTGCCGGGTGTGGGACAGCAGCAATGGAATGCATACGGCAGTACGTCAGTGA
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 CCTGTGCAGCAGGACACCTTCGGGGGCCATCTCAAAGTTGGCTGGCTCAGATTGCAGCAATGGAATCT
 CCCGGGGCAACCACAGAGATAACAAAGCCGTGATCCGCTATCTGCCTTGCTCTACCATCCCCCTCTGC
 AATGCAGCAAGGACCTAAAGAATTCATCGAGTGTGTCTCCACATCCGACTGCTGTCTGGCTACTTCTG
 GGGTCCCTCACGCATAATGCCGTCTGTCCCAATGCCTCCTCTCCCTGCCTCCCCATACCTCTGGATGCAG
 GCTCCACATTGCAGACCACCTATTGTTATCCTAATTGGATTTCAGAGCAATCAAAGACGTGCGTGCT
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 GTGGCGACGAACGTCCAAATCAGAACGAGTTCAGCTTCACAGCAATACTAACAGCGCTAGAGTTTGGAG
 GCAGGGTGACACCAAGCATCCTTCAGCTGATGGCCACAATAAAGTGATGGTAGAGATGGTGTGTCTCCA
 TGTGATTAGTTTAATGGAGGCCTTGCAAGAATGCAATTAACCATTTTTGTCAAGCTGATCCCTATGTGG
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 ACAACGTGAACCACACAGCCTAAGGACGCTGCCCCGGCTCGGGCCAGAGCAGTGTGGCTAGCAGCCCT
 CCGGAAATGGCTGCAGTGCACCCAGTTCAAATGGCCAGGTGGAGATCCAGTCTCAGAAGCAGCTTCT
 CAATTTTATCCTCTA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-RsrII

ACCN:

NM_001271253

Insert Size:

7578 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	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_001271253.1</u> , <u>NP_001258182.1</u>
RefSeq Size:	8314 bp
RefSeq ORF:	7578 bp
Locus ID:	314401
Cytogenetics:	6q32