

Product datasheet for MC225324

Unc79 (NM_001081017) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Unc79 (NM_001081017) Mouse Untagged Clone
Tag: Tag Free
Symbol: Unc79
Synonyms: 9030205A07Rik; Mlca3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225324 representing NM_001081017
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGTCCACCAAGCGGAGCAGTTTGCTTCCAAGATCCGGTACTTGCAGGAATATCATAACCGAGTTCTCC
 ACAACATTTATCCCGTACCATCAGGAACAGATATTGCAAACACCTGAAGTACTTTTCTCAGACCTTGTT
 AAGCATTTTGTCCCGCACAGGAAGAAGGAAAACCAAGATGCCTCCAATTTGACAGTGCCATGACCATG
 TGTCTTTTTCCCGTGCCATTCCCACTCACCCCATCTCTAAGACCGCAGGTCAGTTCCATCAACCCACTG
 TTA CTGCTCCCTCTTTACAGCGTCTCTGCGAGATGCTCCTTCAGAACCGCGGCCCGCAAAGTCGTGATGC
 TCAGTTGTGACTACCTTCTTTGGACTACCAAGGCCTTACGTGACTTTGGTGACTCTCCTGGATCTA
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CCAGCGAGAACACGCCACAGAGAGCCTGGCCCGCTGGTGGCTATGGTATTTTCAGTGGTTTCATTCCAC
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 CCATGTGATTAGTTTAAATGGAGGCGTTGCAAGAATGCAATTCAACCATTTTTGTCAAGCTGATCCCTATG
 TGGTTACCAATGATTAGTCCAATACCAAGCACTTATCCGCTGGCCTCCAGCTTCGTCTCCAGGCCATTC
 AGAACACGTGAACCACCACAGCCTAAGGACGCTGCCCGGCTCGGGCCAGAGCAGTGTGGCCTAGCAGC
 CCTCCGGAAATGGCTGCAGTGCACCCAGTTCAAAATGGCCAGGTGGAGATCCAGTCTCGGAAGCAGCG
 TCTCAATTTTATCCTCTATGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001081017

Insert Size:

7791 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_001081017.2</u> , <u>NP_001074486.2</u>
RefSeq Size:	8870 bp
RefSeq ORF:	7791 bp
Locus ID:	217843
UniProt ID:	<u>Q0KK59</u>
Cytogenetics:	12 E
Gene Summary:	Component of the NALCN sodium channel complex, a cation channel activated either by neuropeptides substance P or neurotensin that controls neuronal excitability. [UniProtKB/Swiss-Prot Function]