

Product datasheet for **MC220459**

Amph (NM_175007) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Amph (NM_175007) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Amph
Synonyms:	MGC49429
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220459 representing NM_175007
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGACATCAAGACGGGCATCTTCGCCAAAAACGTGCAAAAGCGCCTCAACCGCGCAGGAAAAGG
 TCCTCCAGAAGCTGGGAAGGCTGACGAGACAAAAGATGAACAGTTTGAAGAATATGTCCAGAACTTCAA
 ACGGCAGGAGGCAGAGGGTACCAGACTTACGCGAGAACTCCGGGGATATTTAGCAGCAATCAAAGGTATG
 CAGGAGGCCTCAATGAAGCTCACTGAATCTCTACATGAAGTCTACGAGCCAGACTGGTATGGACGGGAAG
 ATGTAAGATGGTTGGTGAAGTGTGATGTGCTGTGGGAAGACTTCCATCAAAGCTAGTGGATGGCTC
 CTTGCTGACACTGGACACCTACCTGGGCCAGTTTCTGACATAAAGAATCGCATCGTAAGCGCAGCAGG
 AAGCTTGTGGATTATGATAGTGTGCCATCACCTGGAGGCTCTGCAGAGTTCCAAACGGAAAGATGAGA
 GTCGGATCTTAAGGCAGAAGAGGAGTTTCAGAAAGCACAGAAAGTGTGGAAGAGTTCAATGTTGACTT
 ACAAGAAGAGTTGCCGTATTGTGGTCAAGTCGAGTTGGCTTTTACGTCAATACTTTCAAAAATGTCTCC
 AGCCTTGAGGCCAAGTTTCATAAGGAAATCGCAGTGCTTTGCCACAAGCTCTATGAAGTGATGACGAAAC
 TCGGTGATCAGCATGCTGACAAGGCCTTCAAGCATTCAAGGAGCTCCAGTGACTCGGGTCTCTTCGCAT
 TGCAAAGACACCATCACCTCCAGAGGAGCCTTCTCCCCTGCCAGCCCCACGGCTAGTCCCAACCACACA
 TTAGCACCTGCATCTCCTGCCAGTGGCAGCCAGATCACCTTACAGACAAGGAAAGGGCTCCTGTCC
 CACCTCTGCCTAAAGTACCCCCAACAAAGGAAGTAAACAGGAGAAACATCATCAATTTCTTTGAGGACAA
 CTTTGTACCAGAAATCAATGTGACAACACCTTCCAGAACGAAGTCTTGGAGGTGAAGAAGGAGAGACT
 TTGCTGGATTTGGACTTTGACCCCTTCAAGCCCGATGTGGCTCCGGCAGGTTCTGCTGCAGCGACCCACT
 CTCCCATGTCTCAGACATTGCCCTGGGACTTATGGACGACAAGCACTGATTTGGTACAACCAGCTTCTGG
 GGTTCATTTAATGATTTACCCAGGCCAGGACACTTCATTATTCACCATGCAGACAGATCAGAATATG
 GCTGAAACTGAGCAGGCTCTACCTACAGAGCCCAAGCCGAAGAGCCTCCTGCCACTGCTGCTGCACCTA
 CTGCTGGGCTGGACCTTGGGCTAGAGATGGAGGAGCCAAAGGAGGAGGCTGTGATCCCTCCCGCAACTGA
 TACTGGCGAGACTGTGGAAGTGCAGTGCCAACTGAGGGTCCCGGTTGGAGGAAGCAGAGGCAGAGAAG
 GCAGCCCTCCCTGCTGGAGAAGGAGGAAGTCCAGAGGGAGCCAAAATTGACGGGGAAAGCACGGAGCTTG
 CAATCAGTGAGAGCCCTCAACCAGTGGAGCCGAAGCGGGTGTCTCCTCAGGTCATCCCTTCTGTTGCAT
 TGAGCCAGCCTCAACCATGAAGGAGAAGGAGAACAACCAAGAACTGCTACGGGTACTGAACCGAGGGAG
 GCCGCTGAGGATGTGGCTGCCAGGGCTCAGCGGGTGAAGCAGGAAGTGGCTACAGAGCCACGCCTC
 TGGATTCTCAGGCAACTCTGCCTGCATCTGCAGGTGCTGTGGATGCCTCGCTGTCTGCAGGGGATGCCAC
 TCAGGAACTGCCTCCTGGCTTCTCTACAAGGTGGAACCTGCATGATTTGAGGCAGGCAACTCTGAT
 GAATTAACCTACAAAGGGGTGACGTGGTACTCGTGGTGCCTTACAGACTCAGAAGCCGACCAGGATGCAG
 GCTGGTTGGTGGGGTGAAGGAGTCACTGGCTTCAAGTACAGAGACCTGGCCACGTACAAGGCCTCTT
 TCCAGAGAACTTCACGCGGCCCTGGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_175007
- Insert Size:** 2061 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_175007.2</u> , <u>NP_778172.1</u>
RefSeq Size:	3235 bp
RefSeq ORF:	2061 bp
Locus ID:	218038
UniProt ID:	<u>Q7TQF7</u>
Cytogenetics:	13 6.89 cM
Gene Summary:	<p>May participate in mechanisms of regulated exocytosis in synapses and certain endocrine cell types. May control the properties of the membrane associated cytoskeleton (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter isoform (1).</p>