

Product datasheet for **MC216410**

Ica1 (NM_010492) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ica1 (NM_010492) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ica1
Synonyms:	69kDa; ICA69
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216410 representing NM_010492
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCAGGACACAAATGTTATTCCTGGGAGTTGCAGGACCGGTTTGTCTCAAGATAAGTCAGTTGTCAATA
 AGATGCAGCAGAAATATTGGGAGACCAAGCAGGCCTTTATCAAAGCCACGGGGAAGAAGGAAGATGAACA
 TGTGGTTGCTTCTGATGCAGACCTGGATGCCAAGCTGGAGCTGTTTCACTCAATCCAGAGAACCTGCCTG
 GACTTGTCTAAAGCAATCGTGCTCTATCAAAGAGAATATGTTTCTTGTCTCAAGAGGAAAAATGAACTGG
 GAAAGTTTCTCGATCTCAAGGCTTCCAAGACAAAACCCGAGCAGGAAAAATGATGCAAGCCACGGGCAA
 GGCCCTCTGCTTTTCTCCAGCAAAGGTTGGCCTTGAGAAACCTTTGTGTGATTTACCAAGAAGTA
 GAAACTTTAGACATCGGGCCATCTCTGATACCTGGCTGACAGTGAACCGCATGGAGCAGTACAGGACAG
 AATACAGAGGAGCGTTGTTGTGGATGAAGGATGTGTCTCAGGAACTTGATCCAGACCTCTACAAGCAAT
 GGAGAAGTTCAGGAAGGTCAGACACAAGTCCGCCTTGCAGAAAAAACTTTGACAAGTTGAAGATGGAT
 GTGTGTCAAAGGTGGATCTTCTGGAGCAAGCAGATGTAACCTCTTATCTCACATGCTAGCAACATACC
 AGACCACTCTGCTCCACTTTTGGGAGAAAACTTCTCACACCATGGCAGCCATTATGAGAGCTTCAAAGG
 TTATCAACCATATGAATTCACAACGTTAAAGAGCTTACAAGACCCATGAAGAAGCTAGTTGAGAAAAGAA
 GGGAGAAGACCTCTGGAGGAAAACCGGGAGGCTGTGGCACCAGAGCCGAGGCAGTTAATTTCTTTGG
 AGGATGAGCACAAGATTCATCTGCTTATAAGACTGAAGAGGGAACAAGCGTTTTGTCTTCCGTAGACAA
 AGGTTCTGTACATGACACATGCTCAGGACCCATAGATGAACTATTAGACGGGAAACCCGAGGAAGCGTGC
 CTGGGTCACCGCAGGGACCCAGAACCTGAAAGTGGGGACAAGGATGACCTCTTGTCTTGAATGAGA
 TCTTCAGCACTTCTGCCTGGATGAGGGAGAGTTCAGCAGAGAGTGGGCTGCAGTGTGGAGATGACCA
 GCTAAAGGAGCCAGCACCCATGGGGCCCAAGGAGAGCCAGACCCCAAGCCAGATAGGCTCCGGATTC
 CTCCGTCACAGCTTTTAGACAAAATATGAAAGATCTCCAGGCCTCTCTGCAAGAGCCTGCCAAGGCTG
 CCTCGGACCTGACTGCCTGGTTCAGCCTCTTGTGACCTCGACCCCTTATCAAACCTGATGCTGTTGG
 GAAAACCTGATAAAGAACCGAATTGCTCAATGCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010492

Insert Size: 1437 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:

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_010492.3](#), [NP_034622.3](#)
RefSeq Size: 2090 bp
RefSeq ORF: 1437 bp
Locus ID: 15893
UniProt ID: [P97411](#)
Cytogenetics: 6 4.38 cM
Gene Summary: May play a role in neurotransmitter secretion.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).