

Product datasheet for **MC217002**

Asic5 (NM_021370) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asic5 (NM_021370) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Asic5
Synonyms:	Accn5; Blinac; Inac
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC217002 representing NM_021370
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAACATACTGAGAAATCACAAGTGCACGCGGAGAAAGGACTCTTAGGAAAGATAAAACGTTACCTCT
CAAAGAGACCACTGCCATCTCCAAGTACCGGAAGAAGTTCGATCAAGACTTTGCCATGTCCACTTCCTT
TCATGGGATACATAATATTGCCAGAACCAAGAACAAGTTCGAAAGGTGATCTGGCTGGCTGTGGTGCTG
GGCTCTGTCTCGCTCTTGGTGTGGCAAATCTACAGTCGTTTGGTCAATTACTTCACATGGCCAACGACAA
CATCTATAGAAGTTCAGTATGTGGAAAAATCGAGTTCAGCTGTGACACTCTGTAACCTGAACAGATT
CCAAACAGAAGCAGTATCTAGATTTGGCATCATTTTCTTCTGTGGGACATAGTCTCCAAAGTCTCCGC
CTTCAGGAAATCAGTGCCAACAACACTGGCTCTCCAGAGACCTTAGATTTTGTACGAATACCAAAACT
TCAGCATTACAGAGTTTGTCAAGAACAATGGTTTTTATCTCAATAACGACACTTTGGTGCCTGTGAGTT
CTTTGGCAAAAACATGCAGTCCAAAGGATTTCAAACACGCTTTACTGAATATGGGAATTGCTTCACTTTT
AACTACGGTGAGAATATCCAAAACAAGAATAAAGTGAGTGTGCCGGAAGAGGCTTAAAGCTGCTCCTCG
ACGTCCATCAGGAGGAATCACTGACAACCCAGTCCCTGGTTTTGCTGATGCTGGTGTCACTTTGTTAT
TCACTACCAAAGAAGGAGCCACAGTTTGTAGGCTTAGGTTTGTCTTCTCCTGTGGGAATGCATGCACGG
GTGACCATCCGCCAAGTGAAGACGGTCCACCAGGAGTACCCATGGGGAGAATGCAATCCCAACATCAAGC
TGAGAACTTCATTACCTACAGCACTTACGGGTGTCTGAAGGAGTGCAAAGCCCGGCATATACAAAGGCT
GTGTGGATGTCTGCCCTTCTGCTTCCAGGAAATGGTGTAGAGTGTGACCTACTAGAATACTACAAGTGT
GTGTCTCCATCCTTGATCACATCGAGCGTAAGGGACTATGCACGATGGGAACACACAACCTCCAGCTGCC
CTGTGTCATGTGAGGAAACAGAATACCCAGCTACTGTTTCTTACTTTCCCAAGTCAAAGAGCAAC
AAGGTTTTCTTGCCAAGAAATTGAATCAAAGCCAAGAATATATCCGGGAGAATCTCGTGAACATTGAAATA
AACTATAGCGACTTAAACTATAAGATAACGCAGCAACAGAAGGCCGTGAGTGTGCCTGAGTTACTTGACG
ATGTTGGCGGTCAGCTGGGACTGTTCTGTGGAGCTAGTTTATTACAATTATAGAATTATTGAATATTT
TTTACCAATTTCTACTGGGTAATCTTTTCTTTTGTGAAAATACTTGAACGATACAGCGGACTTCT
CCACCTCAGGCAGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_021370

Insert Size: 1488 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_021370.2](#), [NP_067345.1](#)

RefSeq Size: 1657 bp

RefSeq ORF: 1488 bp

Locus ID: 58170

UniProt ID: [Q9R0Y1](#)

Cytogenetics: 3 E3

Gene Summary: Cation channel that gives rise to very low constitutive currents in the absence of activation. The activated channel exhibits selectivity for sodium and lithium, and is inhibited by amiloride (By similarity).[UniProtKB/Swiss-Prot Function]