

Product datasheet for **RN203806**

Asic3 (NM_173135) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asic3 (NM_173135) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Asic3
Synonyms:	Accn3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203806 representing NM_173135
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAACCTCGTCCGGACTGGAGGAGGCCAGCGGCAGCAGGCCTCAGACATCCGGGTGTTTGCCAGCA
 GCTGCACAATGCATGGTCTGGGCCACATCTTTGGCCCTGGAGGCCTGACCCTGCGCCGAGGGCTGTGGC
 CACAGCTGTGCTCCTGTGCTGGCGCCTTCTCTACCAGGTGGCTGAGCGGGTTCGCTACTATGGGGAG
 TTCCACCATAAGACCACCCTGGATGAGCGTGAGAGCCACCAGCTCACCTCCCAGCTGTGACTCTGTGTA
 ATATCAACCCACTGCGCCGCTCACGCCTCACACCCAATGACTTGCCTGGGCTGGAACAGCGCTGTGGG
 CCTGGACCCTGTGAACATGCTGCCTACCTTCGTGCACTGGGCCAGCCCCCGCACCACCTGGCTTCATG
 CCCAGTCCGACCTTTGACATGGCACAACCTACGCCAGAGCCGGCCACTCCCTTGAGGACATGTTGTTGG
 ATTGCCGATACCGTGGCCAGCCCTGTGGCCTGAGAACTCACAGTGATCTTTACTCGAATGGGGCAATG
 CTACACCTTCAACTCTGGTGGCCAGGTGCAGAGCTGCTCACCCTCAAAGGGTGGTGTGGCAACGGA
 CTGGAGATTATGCTAGATGTACAGCAAGAGGAGTATCTGCCATCTGGAAGGACATGGAAGAGACCCCGT
 TTGAGGTGGGGATCCGAGTGCAGATTCACAGCCAGGATGAGCCCCCTGCCATTGACCAGCTGGGCTTCGG
 GGCAGCCCCAGGCCATCAGACTTTTGTGTCTGTGCTGAGCAGCAACTGAGTTTCTGCCACCACCTGG
 GGTGACTGCAATACCGCATCTTTGGATCCCGACGACTTTGATCCAGAGCCCTCTGATCCCTTGGGTTCCC
 CCAGACCCAGACCCAGCCCTCCTTATAGTTTAAAGGTTGTCGCCTGGCCTGTGAGTCTCGCTATGTGGC
 TCGGAAGTGTGGCTGTGCAATGATGCATATGCCGAAACTCCCCAGTGTGCAGCCCCAGCAGTACAAG
 GACTGCGCCAGCCAGCTCTGGACGCTATGCTGCGAAAGGACACGTGTGTCTGCCCAACCCGTGCGCTA
 CTACCGCTATGCCAAGGAGCTCTCCATGGTGGCGATTCCAGCCGCGCTCAGCTCGCTACCTGGCCCG
 GAAATACAACCGCAGCGAGTCTACATTACGGAGAATGTACTGGTCTGGATATCTTTGAGGCCCTC
 AACTATGAAGCGGTGGAACAAAAGGCGCCTATGAAGTGTGCGAGCTGCTGGGAGACATTGGGGACAGA
 TGGGACTGTTTATTGGAGCAAGCCTGCTTACCATCCTTGAGATCCTCGACTATCTCTGTGAGGTTTTCCA
 AGACAGAGTCTGGGATTTTCTGGAACAGAAGGAGCGCTCAAAGCGCTCTGGCAACACTCTGTCCAG
 GAAGAGTTGAATGGCCATCGAACACATGTTCCCCACCTCAGCCTAGGGCCAGGCCTCTACCACCTCCT
 GTGCTGTACCAAGACACTCTCTGCCTCCACCGTACCTGTTACCTCGTCAAGGCTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_173135

Insert Size: 1602 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_173135.1</u> , <u>NP_775158.1</u>
RefSeq Size:	1602 bp
RefSeq ORF:	1602 bp
Locus ID:	286920
UniProt ID:	<u>O35240</u>
Cytogenetics:	4q11
Gene Summary:	subunit that forms a proton gated Na(+) channel; may play a role in prolonged pain perception [RGD, Feb 2006]