

Product datasheet for **SC200224**

ASIC3 (NM_020321) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ASIC3 (NM_020321) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ASIC3
Synonyms:	ACCN3; DRASIC; SLNAC1; TNaC1
ACCN:	NM_020321
Insert Size:	100 bp
Insert Sequence:	>SC200224 3'UTR clone of NM_020321 The sequence shown below is from the reference sequence of NM_020321. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCTGTCTGTGTCTCGGAGCCCCGCCCTGACATCCTGGACATGCCTAGCCTGCACGTAGCTTTTCCGTC TTCACCCCAAATAAAGTCCTAATGCATCAGC ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_020321.3</u>



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Summary: This gene encodes a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, two hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this gene is an acid sensor and may play an important role in the detection of lasting pH changes. In addition, a heteromeric association between this member and acid-sensing (proton-gated) ion channel 2 has been observed as proton-gated channels sensitive to gadolinium. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012]

Locus ID: 9311

MW: 3.5