

## Product datasheet for SC201864

### AE2 (SLC4A2) (NM\_003040) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	AE2 (SLC4A2) (NM_003040) Human 3' UTR Clone
Symbol:	AE2
Synonyms:	AE2; BND3L; EPB3L1; HKB3; NBND3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003040
Insert Size:	186 bp
Insert Sequence:	<p>&gt;SC201864 3'UTR clone of NM_003040</p> <p>The sequence shown below is from the reference sequence of NM_003040. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGTACAATGAGATGCCCATGCCTGTGTAGCCGCCACCGAGGGACAGCCGAGGGACCGATGGACGAGGG
GACAGGCTGGTGGGATGGGGTTCCCCCTCCCATGCCCTCCCTCTTTTATTTAAGTGAATAATTTAA
AGTCTTCTCCTCCCCACTGCCCTGCAGTAAAGTGCTTTGGCCCCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_003040.4</u>


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Summary:	This gene encodes a member of the anion exchanger family of membrane transport proteins. The encoded protein regulates intracellular pH, biliary bicarbonate secretion, and chloride uptake. Reduced expression of this gene may be associated with primary biliary cirrhosis (PBC) in human patients, while differential expression of this gene may be associated with malignant hepatocellular carcinoma, colon and gastric cancers. [provided by RefSeq, Nov 2016]
Locus ID:	6522
MW:	6.9