

## Product datasheet for **SC201289**

### ALAS2 (NM\_000032) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ALAS2 (NM_000032) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ALAS2
Synonyms:	ALAS-E; ALASE; ANH1; ASB; SIDBA1; XLDPP; XLEPP; XLSA
ACCN:	NM_000032
Insert Size:	155 bp
Insert Sequence:	>SC201289 3'UTR clone of NM_000032 The sequence shown below is from the reference sequence of NM_000032. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGGCCCCAGTATGTCACCACCTATGCC TGAAGGCCAGCTGCCTAGGATTCACACCCACCTGCGCTTC ACTTGGGTCCAGGCCTACTCCTGTCTTCTGCTTTGTTGTGTGCCTCTAGCTGAATTGAGCCTAAAAATA AAGCACAAACCACAGCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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><a href="#">NM_000032.5</a></u>



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**Summary:** The product of this gene specifies an erythroid-specific mitochondrially located enzyme. The encoded protein catalyzes the first step in the heme biosynthetic pathway. Defects in this gene cause X-linked pyridoxine-responsive sideroblastic anemia. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

**Locus ID:** 212

**MW:** 5.7