

Product datasheet for **SC203607**

ALKBH3 (NM_139178) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ALKBH3 (NM_139178) Human 3' UTR Clone
Symbol:	ALKBH3
Synonyms:	ABH3; DEPC-1; DEPC1; hABH3; PCA1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_139178
Insert Size:	294 bp
Insert Sequence:	>SC203607 3'UTR clone of NM_139178 The sequence shown below is from the reference sequence of NM_139178. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TATCCAGACCCTCGAGGGGCACCCTGG TGAC GTTCAGAGCTTTGAGAGAGAAGCTTCACTGAAACGGAGC AAACCTTCCACTGAGAAGCCACTTCAAGAGGCTGGTGCTGCTAGATCTCATGATGTGGCTGTTGGGAAG ATGGTGGGGTTTGTGGCCAGCTTGGAGTCTATTAATGAAAGCCAGCAACTCATGTTGGTAATAGGT CTACTGTGGGAACAGTTATCCCTAACCCACAGCTCAAATCGCTATCATCTTTAGGCAAATAAAATCTA TGTGGCAGTGCTCATGGA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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_139178.4</u>



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Summary: The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 (MIM 610602) and ALKBH3 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]).[supplied by OMIM, Mar 2008]

Locus ID: 221120

MW: 10.8