

Product datasheet for **SC214424**

ALKBH1 (NM_006020) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ALKBH1 (NM_006020) Human 3' UTR Clone
Symbol:	ALKBH1
Synonyms:	ABH; ABH1; alkB; ALKBH; hABH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006020
Insert Size:	1438 bp



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Insert Sequence:	>SC214424 3'UTR clone of NM_006020 The sequence shown below is from the reference sequence of NM_006020. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACGGGCCAGGATAAACCCCTGACAGCTGAGACTTGGAGATCCCATCCTTTTACTCAGGCACCTGCTT ACCGTAAATGATCATGTTATTGTGATTGCCGTGGACTTCAGCACCCAGACAAGCCAAAAACAGAGACA GGGAAGAAGTCTTGTGATCAGACTGTTGCCTTGAACCCACGCAGAAGTAACTCAGCCACTTTGCT CAGAGAAGTGTGACATGGTCTGTTCTAGTTACATGTTGGCTGTAATGTATGTTGAGAAGTCAGTCC AAGGAGGTATGTTCTCCACAACAGCCTTCTCAGCCTCTGCTATTTCTTTGAGGAAGGTAGAAGTGAG TTTCCATGTTTGAGAGTATTTAAATACCTCAGATTTTATTAATGAGAAATACAGTACCCCTCCCTCCA CTCCATCTGGTAATTTATGGTAAATTTGGTCTGTGTAACCAGCTATTAGTCTCATCTTCTTAACTCC CTCAGGCATCATCAAATCTTTGATCTTCTCTCCACCTCTCTGGCTCTCATGGAAGAATCCTTTACAC ATGAAAACAATGGAAGTGGAAATCTTGCTTTTAGAAAAGAAATTAATCACAATATCTCTCTTGCTT AAAAGATAAATATAGGTAACCCCAAGGAAAGGGGAATTTAGTTTCTCTACATGTCATTTCCGCTCCAA ACTCCCTGTTGGCTTTTTAATGCAATTTAATTGTTGGAATAAAAAAGTCCCAAGGGTGTGTTGTTACT GTTTTCTCCATGAATAAACTCACTTGATTTTAAATTAAGATCTATATCTGTCTTTGGGGTTTAGTCTA TCTGGGATTAAGGTTTTTTTTCTGTTTTCTTTGCTGTATTGTTTCATGCTATTGAAGCCCTCTAGCTG TTTCTGCCCTACACCATCTGCTGTGCCCTAAGTATTCTTTGGCTGTCTCACAGAAGAGAGAACATT TCTTAATATTCCAGTCACTGCTGTTATTGTCTGAGGGTAGGCAGCTTGAAAAATGTAGGCAACACCAA GTTTTAATCTTTATACCCCAACAATTTGACTGACTATATCATGGTCCAGGTTACTTTACATTTCTCTG GACCTCGGTTTCTCATCATATAAAATGAAGATACTGTAGACTACCATCTTCTTAAAGGGATATTGGTATT TGAAAGAGAATTAAGTGCTCTTTCTACAAACATGATGTGCCAAAATTGTTTTATTATAAGGGCTCTTT GAAACATCCTAATCTCTGTGTGGAGGACTGGCTGGAAGCCCATTTGGTACCTACTGTTTGCAATGCA TGTTATTAAGTTTACATGTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG AGTTCATATGGTAATAGCAGGGTTTTTAAATGAATAAAAATTATGGATTATCTCTTA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
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_006020.3</u>
Summary:	This gene encodes a homolog to the E. coli alkB gene product. The E. coli alkB protein is part of the adaptive response mechanism of DNA alkylation damage repair. It is involved in damage reversal by oxidative demethylation of 1-methyladenine and 3-methylcytosine. [provided by RefSeq, Jul 2008]
Locus ID:	8846
MW:	55