

Product datasheet for SC212885

ALKBH4 (NM_017621) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ALKBH4 (NM_017621) Human 3' UTR Clone
Symbol: ALKBH4
Synonyms: ABH4
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_017621
Insert Size: 1186 bp

Insert Sequence: >SC212885 3'UTR clone of NM_017621
 The sequence shown below is from the reference sequence of NM_017621. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GCCCTCTCCTTCCAGGGAAGACCCGTGTACCGCCTCCTTGGCTCCAGACTTGACTGATCCCGGGATT
GAAATGAGGAGCACAGAACAGGGCCTCTGCAACTCACGGGGTTTCAAGAGAAGATGGCTGACCCCTGA
TGCTGTGAGCAGTGTGAGCCCTGCCAGGAGCAGGTTTTGATGGGAACGTACCTCCAGGCAGCCCCCTT
CCACCTGGACCGTGGCCACACTTTTTTGGTTATTTAGTTTGTACAGTCTTGGGACATGGGATCATTT
GAGCTTAAAAAATACTGGGGGCCGGGCACAGTGGCTCACACCTGTAATCCTAACACTTTGGGAGGCTGA
GGTGGGCGGATCACTTGATGCCAGGAGTTCGAGACCAGCCTGGCCAACACGGTGAAAACCCGTCTCTAC
AAAACTACAAAAATTAGCCGGGTGTGGTGACTCACAGCCGTAATCCCAGCTACTCGGGAGGCTAAGGT
GGGAGAATTGCTTGAACCTGGGAGGCGGAGGTTGCAGTGAGCCAAGATCACGCCACTGCACTCCAGCCT
CGGTGACAGAGCAAGACTGTTTTGAAAAAAAAAAAAATGGGAACATTTTAAATGATTTTACCTTTAT
TATGCATCTATTTTCATGGGGTTTCCGATATCTCACTGTCCAGTCCCTTCATTTGGGGAATGTGTTGG
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GCCTGACTCATGCTTGACACCCACGCCAGGGAGGTTGGGGGATGTGAGGAGGCAGGGAAATCTG
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ACATAGTGAGACCCCATCTCTACAAAAATACAAACATTAGCTGGGCGTCTGGGCATGGTGGCACACA
CCTGTAGTCCCAGCTACTCGAAAGGCTGAGGCGGGAGGATGGCTTTACCACCATGTCAAGGCTGCAGTG
AGCTCATGATCATACCACTGCACCTTAACCTGGCAACAGAGCAAGACCCTGTCCCTAAAATAAATAAAG
GAAAACAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-Mlul
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_017621.4</u>
Summary:	Dioxygenase that mediates demethylation of actin monomethylated at 'Lys-84' (K84me1), thereby acting as a regulator of actomyosin-processes. Demethylation of actin K84me1 is required for maintaining actomyosin dynamics supporting normal cleavage furrow ingression during cytokinesis and cell migration. May be involved in transcription regulation. [UniProtKB/Swiss-Prot Function]
Locus ID:	54784
MW:	43.7