

Product datasheet for SC307800

ALKBH6 (NM_198867) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ALKBH6 (NM_198867) Human Untagged Clone
Tag:	Tag Free
Symbol:	ALKBH6
Synonyms:	ABH6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307800 representing NM_198867. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCTGGGAGGGGGATGGGGATGTTGAATTTGGAAATTGGAGGGGACGCTGGTGGACGGATTGGGTGC
AAGGAGTTGGTGTGATGGAGGAGCAGGACGCCAGAGTCCCAGCCCTGGAACCGTTCAGAGTGGAGCAG
GCACCACCTGTAATCTACTATGTCCCTGACTTCATCTCCAAGAAGAGGAGGAGTATTTGCTTCGACAG
GTTTTTAATGCCCAAAGCCAAAGTGGACCCAGCTCTCTGGGAGAAAGTTACAGAACTGGGGTGGGCTT
CCTCATCCCCGAGGGATGGTTCCTGAGCGGCTGCCCCATGGCTCCAGCGCTACGTGGACAAAGTGTCA
AACCTCAGCCTCTTTGGAGGCCTCCAGCTAACCATGTCTCGTGAACCAAGTATCTGCCTGGGGAGGGC
ATCATGCACCATCAGCCTGGGCTCCACACCGTGTGGACTTCTACGAGCCGCGCGGCCAGAGGACGA
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul

Plasmid Map:

ACCN: NM_198867

Insert Size: 486 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_198867.1
RefSeq Size:	956 bp
RefSeq ORF:	486 bp
Locus ID:	84964
Cytogenetics:	19q13.12
MW:	17.9 kDa
Gene Summary:	<p>Probable dioxygenase that requires molecular oxygen, alpha-ketoglutarate and iron. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) lacks an alternate segment in the 3' region as compared to variant 2. The resulted isoform (1) has a distinct and shorter C-terminus, as compared to isoform 1.</p>