**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for SC334713

## ALKBH6 (NM_001297701) Human Untagged Clone

### Product data:

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| **Product Type:** | Expression Plasmids |
| **Product Name:** | ALKBH6 (NM_001297701) 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:** | >NCBI ORF sequence for NM_001297701, the custom clone sequence may differ by one or more nucleotides |

ATGGAGGAGCAGGACGCCAGAGTCCCAGCCCTGGAACCGTTCAGAGTGGAGCAGGCACCACCTGTAATCT
ACTATGTCCCTGACTTCATCTCCAAAGAAGAGGAGGAGTATTTGCTTCGACAGGTTTTTAATGCCCCAAA
GCCAAAGTGGACCCAGCTCTCTGGGAGAAAGTTACAGAACTGGGGTGGGCTTCCTCATCCCCGAGGGATG
GTTCCTGAGCGGCTGCCCCCATGGCTCCAGCGCTACGTGGACAAAGTGTCAAACCTCAGCCTCTTTGGAG
GCCTCCCAGCTAACCATGTCCTCGTGAACCAGTATCTGCCTGGGGAGGGCATCATGCCCCACGAGGACGG
ACCACTGTACTACCCGACTGTCAGCACCATCAGCCTGGGCTCCCACACCGTGCTGGACTTCTACGAGCCG
CGGCGGCCAGAGGACGATGACCCTACAGAACAGCCTCGGCCTCCGCCCCGGCCCACCACCTCGCTACTGC
TGGAACCGCGCAGCCTGCTGGTGCTCCGCGGCCCCGCCTACACGCGTCTTCTCCACGGCATCGCCGCCGC
CCGCGTAGACGCGCTGGACGCCGCCTCCTCGCCGCCCAATGCGGCAGCCTGCCCGTCGGCGCGGCCGGGA
GCCTGCCTGGTGCGCGGCACCCGGGTCTCGCTGACCATCCGCCGCGTGCCCCGCGTGCTGCGCGCCGGCC
TCCTGCTGGGCAAGTGA

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| **Restriction Sites:** | SgfI-RsrII |
| **ACCN:** | NM_001297701 |
| **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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| **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:** | 1. Centrifuge at 5,000xg for 5min.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_001297701.1, NP_001284630.1 |
| **RefSeq Size:** | 1078 bp |
| **RefSeq ORF:** | 717 bp |
| **Locus ID:** | 84964 |
| **UniProt ID:** | Q3KRA9 |
| **Cytogenetics:** | 19q13.12 |
| **Gene Summary:** | Probable dioxygenase that requires molecular oxygen, alpha-ketoglutarate and iron. [UniProtKB/Swiss-Prot Function]<br>Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region and initiates translation at a downstream start codon, compared to variant 2. It encodes isoform 3, which has a shorter N-terminus, compared to isoform 2. |