

## Product datasheet for RN206557

### Alkbh4 (NM\_001105920) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Alkbh4 (NM\_001105920) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Alkbh4  
 Synonyms: RGD1308608  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >RN206557 representing NM\_001105920  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCTGTAGCGGCTGAAGTTTCTCATTTGCAGGAGTGCGGCTGTAAGGTATCCGGACCTGTCTCA  
 TCTGCGAGAGACGACTCCAGAGGGACCCGCCCTGGCAGATCTCCCTTCAGAAAAATGCTGTTTCTCTA  
 CTGCCCGACACAGGCTGGGCCATGGGGCCGAGGGCTCTGACTTTGAGGGTTGGCGTTCCCTTCCCG  
 GGAGTGACACTCACACAGGACTTTGTACCCCGGAGGAAGAAGCCGAGATGGTGCCTCATGGACTGCC  
 ACCCTTGAAGCCTTCGAGTCCGGGAGGAGGAAGCAGGACTATGGCCCCAAAGTCAATTTTCGGAAGCA  
 GAAGCTGAAGATGGCGGGCTTCCAGGGTCTCCCTGGCTTTAGCCAGAAGGTAGTCCAGAGAATGGGCCTT  
 TACCCGGGGCTGGAGGACTTCCAGCCTGTGGAACAGTGTAACTGGACTACAGCCCTGAGCGGGGCTCTG  
 CCATCGACCCCCACCTGGATGACTCCTGGCTGTGGGGCGAGCGCCTGGTGAGCCTCAACCTCCTGTGCGC  
 CACAGTGGTGTCTATGTCCCAGAGGCCCGGCAGCCTGCTGCTGCCCAGTCCCCTCTGTTGGACCG  
 GATGCTTTTGGAGGCAACAGCGTGGCCCCAGCAGTCCGTCCTCCGCAAGAGGTGGAGGTGGCCATCT  
 CAGTACCCCGCCGCTCCCTGCTGGTGTACAGGGGCCCGCCGACCAGTGACACACGCCATCCACCG  
 CAGACACATCAAGGCCCGCCGTGTGTGCCACCTTACAGGGAGCTGGCCAGTGAGTTCCTGCCTGGAGGG  
 AAGCAGCAAGAAGTGGGCCAAGAAGTGTGCGGACTGCACTGTCTTCCAAGGGAGACCCGT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001105920  
 Insert Size: 906 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001105920.1</a>, <a href="#">NP_001099390.1</a></u>
<b>RefSeq Size:</b>	1803 bp
<b>RefSeq ORF:</b>	906 bp
<b>Locus ID:</b>	288587
<b>Cytogenetics:</b>	12q12