

Product datasheet for **RN217076**

Alkbh8 (NM_001191909) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alkbh8 (NM_001191909) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Alkbh8
Synonyms:	RGD1304687
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217076 representing NM_001191909
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATATCAATCATGAAGGTGTTTTGAAACTCACTAAAATGGAGAAGAAGTTCTTAAGGAAACAGAGTA
 AAGCCAGACATGTGTGCTGAAACATGAAGGCATCCAGGCAGTCTTATCCCACTCAGAGCCTGGTTAT
 TGCCAATGGTGGTCTGGGTAATGCTGTGAGTAGGAAACAACCTGCTTTGACTTTAGAGAAGTGTGGACCT
 GTGGAAGCCCTCCTCATGCCACCTAATAAGCCATATGCATTTGTCATATCCAACTATTGAAGAATCCA
 AGAAAGCCTATTCTATTCTCAATGGAAAAGAAATCATTGATGATTTGGGCAGAAGATCTTTCTGTACTT
 GAATTTTGTGAAAAAGCACAATGGAAAAAATGGGACTTCAAGCCTTACCTCCAGGCCTTTTGGTGGTA
 GAAGAAATTTTCTTCTGAGGAGGAGAAAATGCTTTTGGAAAGTGTAAATTGGACAGAAGATACAGGTA
 ATCAGCATTTTCAAAGGTCCTTAAAACACAGAAGAGTAAAACATTTTGGTTATGAATTTCACTATGAGAA
 CAACACTGTGGATAAAGATAAGCCCTTACCTGGGGGTCTTCTGAGATTTGCAGTAGCATTGGGAGAAG
 TTGTTGAAAGAAGTTATATTAACATAAGCCAGACCAGTTGACCATAAAATCAGTATGAGCCTGGGCATG
 GAATTCCTGCCCATATTGACTCGCATTCTGCTTTTGAACATGAGATTGTTCCCTCAGTTGGGGTCAGC
 GATTGTTATGGATTTCAAGCACCCAGAGGGTGTACAGTACAAGTTATGTTACCTCGTGGAGTTTGGCTG
 GTAATGACGGGAGAGTCTAGATACCTTTGGACTCATGGAATTACACCTCGAAAATTTGATACCATCCAAG
 CATCTGAGCAATTCAAAGGTGGAATAATCAACAGTGACATTGGAGACTTGACTTTAAGCAAGAGGGGGAT
 GCGCACATCGTTTACGTTTAGGAAAGTGAGGCGAATACCGTCAATTGTAGTTACTCCTCCGTCTGTGAC
 AGACAAAGGAAGGCCACACCTCCATCCCTTTTGGAGAGCAGTAAAGAAGCACTGGAGCTAGAGCAAAAGC
 ATGTCCATCATGTGACGATGAGATTGCAAGTCACTTCAGCAGCAGGAGCATAGCCCATGGCCACGCAT
 AGTAGAGTTCCTGAAAGCTTTGCCAAGTGGTCCATAGTGGCAGATATTGGATGTGAAAATGGAAAAGTAC
 CTTGGCATCAACAAGGAGTTATATGATTGGGTGTGATCGTAGCCGGAATCTTGTGGACATTTGTAGAG
 AGAGGCAGTTCGAAGCCTTAGTGTGCGATGCACTAGCTGTTCTGTGAGAAGTGGGTCTTGTGATGCTTG
 TATCTCTATTGCTGTCATTCACCACTTTGCAACTGCAGAGCGCAGAGTGGAAAGCTCTCCAAGAAATTGCC
 CGTCTCCTGAGATCTGGTGGCAGGCCCTCATTATGTCTGGCAATGGAACAAGAATATAGAGATCAGA
 AGTCCAAGTATCTTAAAGGAAACAGAATTAGCCAAGGCGATAAAGGTGAACTAAACAGTGCCACATCCAT
 GGAACAATTGCTAGTAAATCAAATGCCTGAGGGAGTCAAGTGAAGCCAGGATTGTCTGTCCACTCCAGT
 AATAACACCAAGGATGAAGAGTGAAGTCAAGGAAAGTTCTTAATTCTGAACTTCTATTCATAACAATA
 GGACCTGTTTTATTCCCAAGATGTGCTGGTCCCTTGGCACCTCAAAGGAAAGCCTGGTAAAGACAAAGC
 TGTTGAACAGTCAGGCCTAGCCAGATGTCTGACCCACGTCCTGTGTTTCATCGTTATTACCATGTTTTC
 TGTAAATGGAGAGTTGGAAGCTTCTGCCAGGCTGTGGGTGATGTTAGCATTCTGCAGAGCTTCTATGACC
 AAGGGAAGTGGTGTGTTTCTTCAAAGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191909

Insert Size: 1995 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001191909.1, NP_001178838.1</u>
RefSeq Size:	2467 bp
RefSeq ORF:	1995 bp
Locus ID:	366783
Cytogenetics:	6q12