

Recombinant Human ALKBH4 protein, His-tagged

Cat. No. ALKBH4-9186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALKBH4 protein(1-302 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-302 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MAAAAAETPEVLRECGCKGIRTCLICERQRGSDPPWELPPAKTYRFIYCSDTGWAV
 GTEESDFEGWAFPPFGVMLIEDFVTRREEAELVRLMDRDPWKLSQSGRRKQDYGP
 KVNFRKQKLKTEGFCGLPSFSREVVRMGLYPGLEGFRPVEQCNLDYCPERGSAID
 PHLDDAWLWGERLVSLNLLSPTVLISMCREAPGSLLLCSAPSAAPEALVDSVIAPSR
 VLCQEVEVAIPLPARSLLVLTGAARHQWKHAIHRRHIEARRVCVTFRELSAEFGPGG
 RQQELGQELLRIALSFGQRPV

GENE INFORMATION

Gene Name [ALKBH4 alkB, alkylation repair homolog 4 \(E. coli\) \[Homo sapiens \]](#)

Official Symbol [ALKBH4](#)

Synonyms ABH4

Gene ID [54784](#)

mRNA Refseq [NM_017621.3](#)

Protein Refseq [NP_060091.1](#)

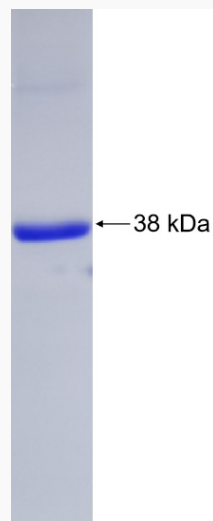
MIM [613302](#)

UniProt ID [Q9NXW9](#)

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SDS-PAGE

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