

Recombinant Human ALKBH8 protein, His-tagged

Cat. No. ALKBH8-3533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALKBH8 protein(1-238 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-238 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

MDSNHQSNYKLSKTEKKFLRKQIKAKHTLLRHEGIETVSYATQSLVVANGGLGNGVS
 RNQLLPVLEKCGLDALLMPPNKPYSFARYRTTEESKRAYVTLNGKEVVDDLQKIT
 LYLNFVEKVQWKELRPQALPPGLMVVEEIIISSEEEKMLLESVDWTEDDTNQNSQKSL
 KHRRVKHFGYEFHYENNNVDKDKPLSGGLPDICESFLEKWLRKGYIKHKPDQMTIN
 QYEPGQDCHGF

GENE INFORMATION

Gene Name [ALKBH8 alkB, alkylation repair homolog 8 \(E. coli\) \[Homo sapiens \]](#)

Official Symbol [ALKBH8](#)

Synonyms ALKBH8; alkB, alkylation repair homolog 8 (E. coli); alkylated DNA repair protein alkB homolog 8; MGC10235; AlkB homologue 8; probable alpha-ketoglutarate-dependent dioxygenase ABH8; tRNA (carboxymethyluridine(34)-5-O)-methyltransferase ABH8; S-adenosyl-L-methionine-dependent tRNA methyltransferase ABH8; ABH8; FLJ38204;

Gene ID [91801](#)

mRNA Refseq [NM_138775](#)

Protein Refseq [NP_620130](#)

MIM [613306](#)

UniProt ID [Q96BT7](#)

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SDS-PAGE

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