

Recombinant Human ALKBH1 protein, His-tagged

Cat. No. ALKBH1-2882H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALKBH1 protein(15 - 169 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	15 - 169 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	ATEPGEDAFRKLFRFYRQSRPGTADLEGVIDFSAAHAARGKGPQAQKVIKSQLNVS SVSEQNAYRAGLQPVSKWQAYGLKGYPGFIFIPNPFPGYQWHWVKQCLKLYSQK PNVCNLDKHMSKEETQDLWEQSKEFLRYKEATKRRPRSLLLEKLR
Purity	95%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ALKBH1 alkB, alkylation repair homolog 1 (E. coli) [Homo sapiens]
Official Symbol	ALKBH1
Synonyms	ALKBH1; alkB, alkylation repair homolog 1 (E. coli); alkB, alkylation repair homolog (E. coli) , ALKBH; alkylated DNA repair protein alkB homolog 1; ABH; alkB; hABH; DNA lyase ABH1; alkylation repair, alkB homolog; alpha-ketoglutarate-dependent dioxygenase ABH1; ABH1; ALKBH;
Gene ID	8846
mRNA Refseq	NM_006020
Protein Refseq	NP_006011
MIM	605345
UniProt ID	Q13686

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