

## Recombinant Human ALKBH4 protein, GST-tagged

**Cat. No.** ALKBH4-9585H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ALKBH4 protein(1-302 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-302 aa                                                                                                                                                                                                                                             |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.              |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | 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.       |
| <b>Reconstitution</b>   | 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. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**AA Sequence**

MAAAAAETPEVLRECGCKGIRTCLICERQRGSDPPWELPPAKTYRFIYCSDTGWAV  
 GTEESDFEGWAFPPFGVMLIEDFVTRREEEAELVRLMDRDPWKLSQSGRRKQDYGP  
 KVNFRKQKLKTEGFCGLPSFSREVVRMGLYPGLEGFRPVEQCNLDYCPERGSAID  
 PHLDDAWLWGERLVSLNLLSPTVLSMCREAPGSLLLCSAPSAAPEALVDSVIAPSR  
 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](#)

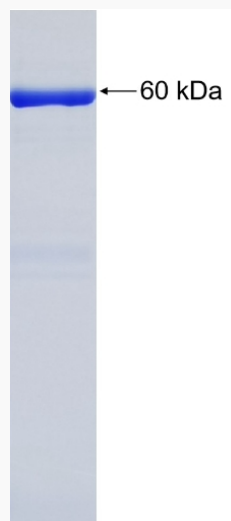
**MIM** [613302](#)

**UniProt ID** [Q9NXW9](#)

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**SDS-PAGE**

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