

## Recombinant Human ALKBH4 Protein, GST-tagged

Cat. No. ALKBH4-476H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ALKBH4 full-length ORF ( NP_060091.1, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	ALKBH4 (AlkB Homolog 4, Lysine Demethylase) is a Protein Coding gene. GO annotations related to this gene include actin binding and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, 2-oxoglutarate as one donor, and incorporation of one atom each of oxygen into both donors.
<b>Molecular Mass</b>	60.2 kDa
<b>AA Sequence</b>	MAAAAETPEVLRECGCKGIRTCLICERQRGSDPPWELPPAKTYRFIYCSDTGWAV GTEESDFEGWAFPPFPGVMLIEDFVTRREEAELVRLMDRDPWKLSQSGRRKQDYGP KVNFRKQKCLKTEGFCGLPSFSREVRRMGLYPGLEGFRPVEQCNDYCPERGSAID PHLDDAWLWGERLVSLNLLSPTVLISMCREAPGSLLLCSAPSAAPEALVDSVIAPSR VLCQEVEVAIPLPARSLLVLTGAARHQWKHAIHRRHIEARRVCVTFRELSAEFGPGG RQQELGQELLRIALS FQGRP V
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ALKBH4 alkB, alkylation repair homolog 4 (E. coli) [ Homo sapiens ]
<b>Official Symbol</b>	ALKBH4
<b>Synonyms</b>	ABH4
<b>Gene ID</b>	54784
<b>mRNA Refseq</b>	NM_017621.3
<b>Protein Refseq</b>	NP_060091.1
<b>MIM</b>	613302
<b>UniProt ID</b>	Q9NXW9

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