

Recombinant Human ALKBH4 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human ALKBH4 full-length ORF (NP_060091.1, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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.
Molecular Mass	60.2 kDa
AA Sequence	MAAAAAETPEVLRECGCKGIRTCLICERQRGSDPPWELPPAKTYRFIYCSDTGWAV GTEESDFEGWAFPPFGVMLIEDFVTREEEAELVRLMDRDPWKLSQSGRRKQDYGP KVNFRKQKLKTEGFCGLPSFSREVVRMGLYPGLEGFRPVEQCNLDYCPERGS AIDPHLDDAWLWGERLVSLNLLSPTVLSMCREAPGSLLLCSAPSAAPEALVDSVIAP SRSVLCQEVEVAIPLPARSLLVLTGAARHQWKHAIHRRHIEARRVCVTFRELSAEFG PGGRQQELGQELLRIALS FQGRP V
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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