

Recombinant Full Length Human ALKBH4 Protein, GST-tagged

Cat. No. ALKBH4-1448HF **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	In Vitro Cell Free System
ProteinLength	302 amino acids
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	MAAAAETPE VLRECGCKGI RTCLICERQR GSDPPWELPP AKTYRFIYCS DTGWAVGTEE SDFEGWAFPF PGVMLIEDFV TREEEAELVR LMDRDPWKLS QSGRRKQDYG PKVNF RKQKL KTEGFCGLPS FSREVVRRMG LYPGLEGFRP VEQCNDYCP ERGSAIDPHL DDAWLWGERL VSLNLLSPTV LSMCREAPGS LLLCSAPSAA PEALVDSVIA PSRSVLCQEV EVAIPLPARS LLVLTGAARH QWKHAIHRRH IEARRVCVTF RELSAEFGPG GRQQELGQEL LRIALSFQGR PV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

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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