

Recombinant Human ALKBH5 Protein, GST-tagged

Cat. No. ALKBH5-477H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ALKBH5 full-length ORF (NP_060228.2, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	ALKBH5 (AlkB Homolog 5, RNA Demethylase) is a Protein Coding gene. Among its related pathways are DNA Damage Reversal and DNA Double-Strand Break Repair. GO annotations related to this gene include poly(A) RNA binding and oxidative RNA demethylase activity.
Molecular Mass	77.8 kDa
AA Sequence	<p>MAAASGYTDLREKLKSMTSRDNYKAGSREAAAAAAAAAVAAAAAAAAAAEPYPVSGA KRKYQEDSDPERSDYEEQQLQKEEEARKVKSGIRQMRLFSQDECAKIEARIDEVVS RAEKGLYNEHTVDRAPLRNKYFFGEGYTYGAQLQKRGPQERLYPPGDVDEIPEW VHQLVIQKLVEHRVIPEGFVNSAVINDYQPGGCIVSHVDPIHIFERPIVSVSFFSDSAL CFGCKFQFKPIRVSEPVLSLPVRRGSVTVLSGYAADEITHCIRPQDIKERRAVIILRKT RLDAPRLETKSLSSSVLPPSYASDRLSGNNRDPALKPKRSHRKADPDAHRPRILEM DKEENRRSVLLPTHRRRGSFSSENYWRKSYESSEDCSEAAGSPGNSSSLRSCPS FCFEGFVFWHWGVFVFCFLFFLILYIFPWFCCLLGLKNRIGQDLGSHILGIPPGWKGC WHQ</p>
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

 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

Antibody Production; Protein Array

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.

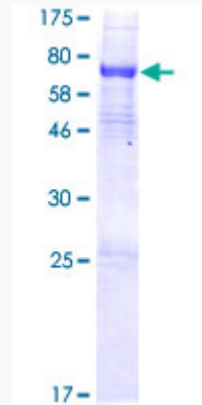
GENE INFORMATION

Gene Name	ALKBH5 alkB, alkylation repair homolog 5 (E. coli) [Homo sapiens]
Official Symbol	ALKBH5
Synonyms	ALKBH5; alkB, alkylation repair homolog 5 (E. coli); OFOXD1, oxoglutarate and iron dependent oxygenase domain containing; probable alpha-ketoglutarate-dependent dioxygenase ABH5; FLJ20308; alkylated DNA repair protein alkB homolog 5; oxoglutarate and iron-dependent oxygenase domain containing; ABH5; OFOXD; OFOXD1;
Gene ID	54890
mRNA Refseq	NM_017758
Protein Refseq	NP_060228
MIM	613303
UniProt ID	Q6P6C2

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12.5% SDS-PAGE Stained with Coomassie Blue.

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