

Recombinant Human ALKBH5 protein, His-tagged

Cat. No. ALKBH5-4532H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALKBH5 protein(Q6P6C2)(2-394aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-394aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.2 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

AAASGYTDLREKLKSMTSRDNYKAGSREAAAAAAAAVAAAAAAAAAEPYPVSGAK
 RKYQEDSDPERSDYEEQQLQKEEEARKVKSGIRQMRLFSQDECAKIEARIDEVVSR
 AEKGLYNEHTVDRAPLRNKYFFGEGYTYGAQLQKRGGQERLYPPGDVDEIPEWV
 HQLVIQKLVEHRVIPEGFVNSAVINDYQPGGCIVSHVDPIHIFERPIVSVSFFSDSALC
 FGCKFQFKPIRVSEPVLSLPVRRGSVTVLSGYAADEITHCIRPQDIKERRAVIILRKTR
 LDAPRLETKSLSSSVLPPSYASDRLSGNNRDPALKPKRSHRKADPDAHRPRILEMD
 KEENRRSVLLPTHRRRGSFSSSENYWRKSYESSEDCSEAAGSPARKVKMRRH

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](#)

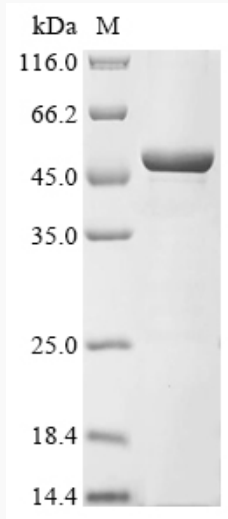
UniProt ID [Q6P6C2](#)

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SDS-PAGE



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