

Recombinant Human KDM1B protein, His-tagged

Cat. No. KDM1B-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDM1B protein(666-822 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	666-822 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	FPYRFWDSKVQGADFFGHVPPSASKRGLFAVFYDMDPQKKHSVLMSVIAGEAVAS VRTLDDKQVLQQCMATLRELFKEQVDPDTKYFVTRWSTDPWIQMAYSFVKTGGS GEAYDIIAEDIQGTVFFAGEATNRHFPQTVTGAYLSGVREASKIAAF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	KDM1B lysine (K)-specific demethylase 1B [Homo sapiens]
Official Symbol	KDM1B
Synonyms	KDM1B; lysine (K)-specific demethylase 1B; amine oxidase (flavin containing) domain 1 , amine oxidase, flavin containing 1 , AOF1, C6orf193, chromosome 6 open reading frame 193; lysine-specific histone demethylase 1B; bA204B7.3; dJ298J15.2; FLJ33898; FLJ34109; FLJ43328; LSD2; amine oxidase, flavin containing 1; lysine-specific histone demethylase 2; amine oxidase (flavin containing) domain 1; flavin-containing amine oxidase domain-containing protein 1; AOF1; C6orf193; DKFZp686I0412;
Gene ID	221656
mRNA Refseq	NM_153042
Protein Refseq	NP_694587
MIM	613081
UniProt ID	Q8NB78

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SDS-PAGE

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