

Recombinant Human KDM1B protein, GST-tagged

Cat. No. KDM1B-6745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDM1B protein(666-822 aa), fused with N-terminal GST 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 8.0). 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 100 mM reduced glutathione (GSH).
AASequence	FPYRFWDSKVQGADFFGHVPPSASKRGLFAVFYDMDPQKKHSLMSVIAGEAVAS 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.

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Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 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

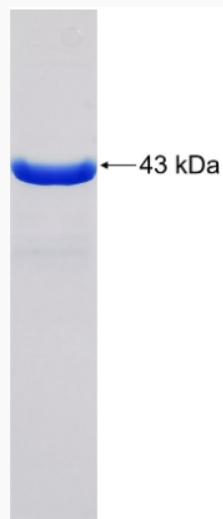
MIM 613081

UniProt ID Q8NB78

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SDS-PAGE

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