

Recombinant Human KDM5B protein, His-tagged

Cat. No. KDM5B-3798H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDM5B protein(190-309 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	190-309 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.
AASequence	SLRCLQKPNLTTDTKDKEYKPHDIPQRQSVQPSETCPPARRAKRMRAEAMNIKIEPE ETTEARTHNLRRRMGCPTPKCENEKEMKSSIKQEPIERKDYIVENEKEKPKSRSKKA TNAVDL
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

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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	KDM5B lysine (K)-specific demethylase 5B [Homo sapiens]
Official Symbol	KDM5B
Synonyms	KDM5B; lysine (K)-specific demethylase 5B; JARID1B, jumonji, AT rich interactive domain 1B , Jumonji, AT rich interactive domain 1B (RBP2 like); lysine-specific demethylase 5B; cancer/testis antigen 31; CT31; PLU 1; RBBP2H1A; RBP2-H1; histone demethylase JARID1B; putative DNA/chromatin binding motif; jumonji, AT rich interactive domain 1B; jumonji/ARID domain-containing protein 1B; retinoblastoma-binding protein 2 homolog 1; retinoblastoma-binding protein 2, homolog 1A; PLU1; PUT1; PLU-1; JARID1B; FLJ10538; FLJ12459; FLJ12491; FLJ16281; FLJ23670;
Gene ID	10765
mRNA Refseq	NM_006618
Protein Refseq	NP_006609
MIM	605393
UniProt ID	Q9UGL1

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SDS-PAGE

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