

Recombinant Human KDM3B Protein, His-tagged

Cat. No. KDM3B-2358H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDM3B Protein (Met1498-Arg1721) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1498-Arg1721
Description	Predicted to enable chromatin DNA binding activity; histone H3-methyl-lysine-9 demethylase activity; and transcription coregulator activity. Predicted to be involved in histone H3-K9 demethylation and regulation of transcription by RNA polymerase II. Located in nucleoplasm. Biomarker of acute lymphoblastic leukemia; breast cancer; colorectal cancer; and lung non-small cell carcinoma.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.2 kDa Accurate Molecular Mass: 29 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	KDM3B lysine (K)-specific demethylase 3B [Homo sapiens (human)]
Official Symbol	KDM3B
Synonyms	KDM3B; lysine (K)-specific demethylase 3B; C5orf7, chromosome 5 open reading frame 7, JMJD1B, jumonji domain containing 1B; lysine-specific demethylase 3B; KIAA1082; NET22; nuclear protein 5qNCA; jumonji domain containing 1B; jumonji domain-containing protein 1B; jmjC domain-containing histone demethylation protein 2B; 5qNCA; C5orf7; JMJD1B;
Gene ID	51780
mRNA Refseq	NM_016604
Protein Refseq	NP_057688
MIM	609373

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UniProt ID

Q7LBC6

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