

Product datasheet for **TP762340**

KDM4B (NM_015015) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human lysine (K)-specific demethylase 4B (KDM4B), Met1-Thr348, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Thr348) of KDM4B
Tag:	N-His
Predicted MW:	40.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055830
Locus ID:	23030
UniProt ID:	O94953 , A0A0C4DFL8
RefSeq Size:	5595
Cytogenetics:	19p13.3
RefSeq ORF:	3288
Synonyms:	JMJD2B; TDRD14B



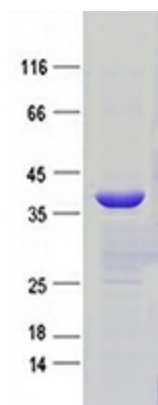
[View online »](#)

Summary:

Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate. [UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome

Product images:

Purified recombinant protein KDM4B was analyzed by SDS-PAGE gel and Coomassie Blue Staining.