

Recombinant Human KDM5A Protein, DDK-tagged

Cat. No. KDM5A-683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KDM5A fused with DDK tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the Jumonji, AT-rich interactive domain 1 (JARID1) histone demethylase protein family. The encoded protein plays a role in gene regulation through the histone code by specifically demethylating lysine 4 of histone H3. The encoded protein interacts with many other proteins, including retinoblastoma protein, and is implicated in the transcriptional regulation of Hox genes and cytokines. This gene may play a role in tumor progression.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	192 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	KDM5A lysine (K)-specific demethylase 5A [Homo sapiens]
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Official Symbol	KDM5A
Synonyms	KDM5A; lysine (K)-specific demethylase 5A; JARID1A, jumonji, AT rich interactive domain 1A , Jumonji, AT rich interactive domain 1A (RBBP2 like) , RBBP2, retinoblastoma binding protein 2; lysine-specific demethylase 5A; histone demethylase JARID1A; retinoblastoma binding protein 2; retinoblastoma-binding protein 2; jumonji/ARID domain-containing protein 1A; Jumonji, AT rich interactive domain 1A (RBP2-like); Jumonji, AT rich interactive domain 1A (RBBP2-like); RBP2; RBBP2; RBBP-2; JARID1A;
Gene ID	5927
mRNA Refseq	NM_001042603
Protein Refseq	NP_001036068
MIM	180202
UniProt ID	P29375

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