Recombinant Human KDM8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KDM8-4703H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	JMJD5 MS Standard C13 and N15-labeled recombinant protein (NP_079049) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene likely encodes a histone lysine demethylase. Studies of a similar protein in mouse indicate a potential role for this protein as a tumor suppressor. Alternatively spliced transcript variants have been described.
Molecular Mass	47.3 kDa
AA Sequence	MAGDTHCPAEPLAREGTLWEALRALLPHSKEDLKLDLGEKVERSVVTLLQRATELFY EGRRDECLQSSEVILDYSWEKLNTGTWQDVDKDWRRVYAIGCLLKALCLCQAPEDA NTVAAALRVCDMGLLMGAAILGDILLKVAAILQTHLPGKRPARGSLPEQPCTKKARA DHGLIPDVKLEKTVPRLHRPSLQHFREQFLVPGRPVILKGVADHWPCMQKWSLEYI QEIAGCRTVPVEVGSRYTDEEWSQTLMTVNEFISKYIVNEPRDVGYLAQHQLFDQIP ELKQDISIPDYCSLGDGEEEEITINAWFGPQGTISPLHQDPQQNFLVQVMGRKYIRLY SPQESGALYPHDTHLLHNTSQVDVENPDLEKFPKFAKAPFLSCILSPGEILFIPVKYW HYVRALDLSFSVSFWWSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

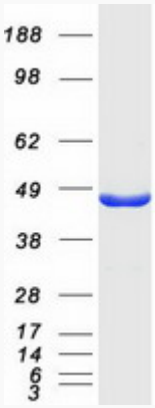
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	KDM8 lysine demethylase 8 [Homo sapiens (human)]
Official Symbol	KDM8
Synonyms	KDM8; lysine demethylase 8; JMJD5; bifunctional peptidase and arginyl-hydroxylase JMJD5; JmjC arginyl-hydroxylase; L-arginine (3R)-hydroxylase KDM8; arginyl C3-hydroxylase KDM8; jmjC domain-containing protein 5; jumonji C domain-containing protein 5; jumonji domain containing 5; jumonji domain-containing protein 5; lysine (K)-specific demethylase 8; lysine-specific demethylase 8; EC 1.14.11.27
Gene ID	79831
mRNA Refseq	NM_024773
Protein Refseq	NP_079049
MIM	611917
UniProt ID	Q8N371

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SDS-PAGE	

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