Recombinant Human JMJD5 protein, His-tagged

Cat. No. JMJD5-206H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human JMJD5 Protein(NP_001138820.1)(238-416 aa) is expressed from E. coli with a His Tag.
Species	Human
Source	E.coli
ProteinLength	238-416 aa
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.
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4), 5% trehalose and 5% mannitol are added as protectants before lyophilization.
Bio-activity	Not tested
AA Sequence	EVGSRYTDEEWSQTLMTVNEFISKYIVNEPRDVGYLAQHQLFDQIPELKQDISIPDYC SLGDGEEEEITINAWFGPQGTISPLHQDPQQNFLVQVMGRKYIRLYSPQESGALYPH DTHLLHNTSQVDVENPDLEKFPKFAKAPFLSCILSPGEILFIPVKYWHYVRALDLSFSV SFWWS
Endotoxin	<1.0 EU per μg protein as determined by the LAL method.

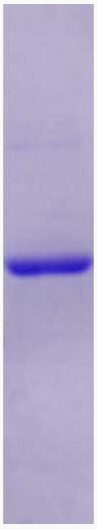
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Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Applications	Blocking peptide
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

GENE INFORMATION

Gene Name	KDM8
Official Symbol	KDM8
Synonyms	FLJ13798
Gene ID	79831

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mRNA Refseq	NM_001145348.2
Protein Refseq	NP_001138820.1
MIM	611917
UniProt ID	Q8N371
SDS-PAGE of JMJD5-206H	

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