Recombinant Human jumonji domain containing 7, His-tagged

Cat. No. JMJD7-337H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	JMJD7, 1-316aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-316 a.a.
Description	JMJD7, also known as JmjC domain-containing protein 7, belongs to the JMJD family. While several JMJD proteins have been identified as being involved in chromatin regulation, histone demethylation and development, the function of JMJD7 has not been identified. It was initially thought to be a novel splice form of the phospholipase PLA2G4B which is located downstream of JMJD7 as most tissues express a read-through transcript of the two genes. Recombinant human JMJD7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Molecular Mass	38.3 kDa(339aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAEAALE AVRSELREFP AAARELCVPL AVPYLDKPPT PLHFYRDWVC PNRPCIIRNA LQHWPALQKW SLPYFRATVG STEVSVAVTP DGYADAVRGD RFMMPAERRL PLSFVLDVLE GRAQHPGVLY VQKQCSNLPS ELPQLLPDLE SHVPWASEAL GKMPDAVNFW LGEAAAVTSL

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	HKDHYENLYC VVSGEKHFLF HPPSDRPFIP YELYTPATYQ LTEEGTFKVV DEEAMEKVPW IPLDPLAPDL ARYPSYSQAQ ALRCTVRAGE MLYLPALWFH HVQQSQGCIA VNFWYDMEYD LKYSYFQLLD SLTKASGLD
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	JMJD7 jumonji domain containing 7 [Homo sapiens]
Official Symbol	JMJD7
Synonyms	JMJD7; jumonji domain containing 7; jmjC domain-containing protein 7; jumonji domain-containing protein 7; FLJ20543; FLJ20656; FLJ20807; FLJ77014; FLJ78330;
Gene ID	100137047
mRNA Refseq	NM_001114632
Protein Refseq	NP_001108104
UniProt ID	P0C870
Chromosome Location	15q15.1

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