

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 STEVSAVTP DGYADAVRGD RFMMPAERRL PLSFVLDVLE GRAQHPGVLY VQKQCSNLPS ELPQLLPDLE SHVPWASEAL GKMPDAVNFW LGEEAAVTSL

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HKDHYENLYC VVSGEKHFLF HPPSDRPFIP YELYTPATYQ LTEEGTFKVV
DEEAMEKVPW IPLDPLAPDL ARYPSYSQAQ ALRCTVRAGE MLYLPALWFH
HVQQSQGCIA VNFWDMEYD 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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