

# Recombinant Human jumonji domain containing 7, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	JMJD7, 1-316aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-316 a.a.
<b>Description</b>	<p>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.</p>
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
<b>Molecular Mass</b>	38.3 kDa(339aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	<p>MGSSHHHHHH SGLVPRGSH MGSM AEALE AVRSELREFP AAARELCVPL            AVPYLDKPPT PLHFYRDWVC PNRPCIIRNA LQHW PALQKW SLPYFRATVG            STEVSVAVTP DGYADAVRGD RFMMPAERRL PLSFVL DVLE GRAQH PGVLY            VQKQCSNLPS ELPQLLPDLE SHVPWASEAL GKMPDAVNFW LGEEAAVTSL</p>

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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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