
Product Data Sheet

Product Name: JMJD7 Human
 Cat. No.: GP23726
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Jumonji Domain Containing 7; Jumonji Domain-Containing Protein 7; JmjC Domain-Containing Protein 7.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAEAALE AVRSELREFP AAARELCVPL AVPYLDKPPT PLHFYRDWVCPNRPCIIRNA LQHWPALQKW SLPYFRATVG STEVSVAVTP DGYADAVRGD RFMMPAERRL PLSFVLDVLEGRAQHPGVLY VQKQCSNLPS ELPQLLPDLE SHVPWASEAL GKMPDAVNFV LGAAA VTSL HKDHYENLYC VVSGEKHFLF HPPSDRPFIPYELYTPATYQ LTEEGTFKVV DEEAMEKVPW IPLDPLAPDL ARYPSYSQAQ ALRCTVRAGE MLYLPALWFHHVQSQGICIA VNFWDMEYD LKYSYFQLLD SLTKASGLD		
Formulation	JMJD7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.		

Introduction

JmjC domain-containing protein 7 (JMJD7) is a member of the JMJD family. JMJD7 encodes highly conserved proteins with a JmjC domain, which are part of the cupin metalloenzyme superfamily. JMJD7 was first thought to be an alternatively spliced isoform of PLA2G4B. It is derived from JMJD7 which is located upstream of PLA2G4B. Most tissues also express read-through transcripts from JMJD7 into the downstream PLA2G4B gene, some of which may encode fusion proteins combining the N-terminus of JMJD7 with PLA2G4B protein.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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JMJD7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 339 amino acids (1-316 a.a) and having a molecular mass of 38.3kDa.

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