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32-4035: Recombinant Human Jumonji Domain Containing 7

Alternative Name : Jumonji Domain Containing 7,Jumonji Domain-Containing Protein 7,JmjC Domain-Containing Protein 7.

Description

Source : Escherichia Coli. 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.JMJD7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	"Greater than 90.0% as determined by SDS-PAGE."
Content :	JMJD7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMAEAALE AVRSELREFP AAARELCVPL AVPYLDKPPT PLHFYRDWVC PNRPCIIRNA LQHWPALQKW SLPYFRATVG STEVSVAVTP DGYADAVRGD RFMMPAERRL PLSFVLDVLE GRAQHPGVLY VQKQCSNLPS ELPQLLPDLE SHVPWASEAL GKMPDAVNFW LGEAAAVTSL HKDHYENLYC VVSGEKHFLF HPPSDRPFIP YELYTPATYQ LTEEGTFKVV DEEAMEKVPW IPLDPLAPDL ARYPSYSQAQ ALRCTVRAGE MLYLPALWFH HVQQSQGCIA VNFWYDMEYD LKYSYFQLLD SLTKASGLD