

Datasheet for ABIN5493633

Human JMJD7-PLA2G4B ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	JMJD7-PLA2G4B
Species:	Human
Fusion tag:	Myc-DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PExp)

Product Details

Purpose:	Mammalian Vector with ORF clone of Human JMJD7-PLA2G4B readthrough (JMJD7-PLA2G4B) transcript variant 3
Brand:	TrueORF
Insert Length:	2682 bp
Vector Backbone:	pCMV6-Entry
Promoter:	CMV Promoter
Bacterial Resistance:	Kanamycin
Expression Type:	Transient
Specificity:	Restriction Site: SgfI-MluI
Sequencing Primer:	VP1.5 (forward) 5'GGACTTTCCAAAATGTCTG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'
Grade:	End-sequenced
Components:	The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and

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Page 1/2 | Product datasheet for ABIN5493633 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Product Details

shipped with 2 vector sequencing primers.

Target Details

Gene: JMJD7-PLA2G4B

Abstract: [JMJD7-PLA2G4B Products](#)

Background: This locus represents naturally-occurring readthrough transcription between the neighboring jumonji domain containing 7 (JMJD7) and phospholipase A2, group IVB (cytosolic) (PLA2G4B) genes. Readthrough transcripts encode fusion proteins that share amino acid sequence with each individual gene product, including a partial JmjC domain and downstream C2 and phospholipase A2 domains. Alternatively spliced transcript variants have been observed.

NCBI Accession: [NM_001198588](#), [NP_001185517](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: 4 °C/-20 °C

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)