

Product datasheet for **TP325450**

JMJD7 (NM_001114632) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human jumonji domain containing 7 (JMJD7), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225450 representing NM_001114632 Red =Cloning site Green =Tags(s)
	 MAEAALAVRSELREFPAAARELCVPLAVPYLDKPPTPLHFYRDWVCPNRPICIRNALQHWPALQKWSLP YFRATVGSTEVSAVTPDGYADAVRGDRFMMPAERRLPLSFVLDVLEGRAQHPGVLYVQKQCSNLPSELP QLLPDLESHVPWASEALGKMPDAVNFWLGAAAVTSLHKDHYENLYCVSAGEKHFHPPSDRPFIPYEL YTPATYQLTEEGTFKVVDEEAMEKVPWIPLDPLAPDLARYPSYSQAQALRCTVRAGEMLYLPALWFHHVQ QSQGCIAVNFWYDMEYDLKYSYFQLLDSLTKASGLD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	35.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001108104</u>
Locus ID:	100137047



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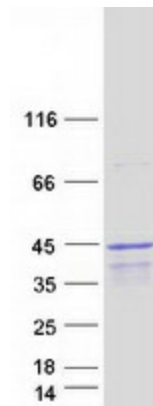
UniProt ID: [POC870](#)

Cytogenetics: 15q15.1

RefSeq ORF: 948

Summary: This gene encodes a highly conserved protein with a JmjC domain, which are part of the cupin metalloenzyme superfamily. JmjC proteins may function as 2-oxoglutarate-Fe(II)-dependent dioxygenases. Most tissues also express read-through transcripts from this gene into the downstream phospholipase A2, group IVB (cytosolic) gene, some of which may encode fusion proteins combining the N-terminus of this protein with the phospholipase A2, group IVB protein. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified JMJD7 protein (Cat# TP325450). The protein was produced from HEK293T cells transfected with JMJD7 cDNA clone (Cat# [RC225450]) using MegaTran 2.0 (Cat# [TT210002]).