

## Product datasheet for **TP327709**

### JMJD5 (KDM8) (NM\_001145348) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human jumonji domain containing 5 (JMJD5), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227709 representing NM_001145348 Red=Cloning site Green=Tags(s)

MSREKCSPEGEGAEEGRGSEASGLKASAGHGTEPAGGGPMAGDTHCPAEPLAREGLWEALRALLPHSKED  
LKLDLGEKVERSVTLLQRATELFYEGRRDECLQSSEVILDYSWEKLNTGTWQDVKDWRVYAIGCLLK  
ALCLCQAPEDANTVAAALRVCDMGLLMGAAILDILLKVAAILQTHLPGRPARAGSLPEQPCTKKARADH  
GLIPDVKLEKTVPRSLHRPSLQHFREQFLVGRPVILKGVADHWPCMQKWSLEYIQEIAGCRTVPVEVGSR  
YTDEEWSQTLMTVNEFISKYIVNEPRDVGylaQHLFDQIPELKDQDISIPDYCSLGDGEEEEITINAWFG  
PQGTISPLHQDPQQNFLVQVMGRKYIRLYSPQESGALYPHDTHLLHNTSQVDVENPDLEKFPKFAKAPFL  
CILSPGEILFIPVKYWHYVRALDLSFSVSWFWS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	50.7 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.



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RefSeq: [NP\\_001138820](#)

Locus ID: 79831

UniProt ID: [Q8N371](#)

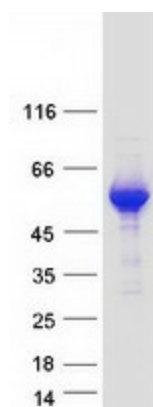
Cytogenetics: 16p12.1

RefSeq ORF: 1362

Synonyms: JMJD5

**Summary:** This gene likely encodes a histone lysine demethylase. Studies of a similar protein in mouse indicate a potential role for this protein as a tumor suppressor. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2009]

### Product images:



Coomassie blue staining of purified KDM8 protein (Cat# TP327709). The protein was produced from HEK293T cells transfected with KDM8 cDNA clone (Cat# [RC227709]) using MegaTran 2.0 (Cat# [TT210002]).