

Product datasheet for TP311182

KDM4C (NM_015061) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human jumonji domain containing 2C (JMJD2C), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211182 protein sequence Red=Cloning site Green=Tags(s)

MEVAEVESPLNPSCKIMTFRPSMEEFREFNKYLAYMESKGAHRAGLAKVIPPKEWKPRQCYDDIDNLLIP
APIQQMVTGQSGFLTQYNIQKKAMTVKEFRQLANSKGYCTPRYLDYEDLERKYWKNLTFVAPIYGADING
SIYDEGVDEWNIARLNTVLDVVEECGISIEGVNTPYLYFGMWKTTFAWHTEDMDLYSINYLHFGEPKSW
YAIPEHGKRLERLAQGFFPSSSQGCDALFRHKMTLISPSVLKKGIPFDKITQEAGEFMITFPYGYHAG
FNHGFNCAESTNFATVRWIDYGKVAKLCTCRKDMVKISMDIFVRKFQPDYQLWKQKDIYTIIDHTKPTP
ASTPEVKAWLQRRRKVRKASRSFQCARSTSKRPKADEEEEVSDEVDGAEVNPDSVTDDLKVSEKSEAAV
KLRNTEASSEEESSASRMQVEQNLSDHIKLSGNSCLSTSVTEDIKTEDDKAYAYRSVPSISSEADDSIPL
SSGYEKPEKSDPSELSWPKSPESCSSVAESNGVLTEGEESDVESHGNGLEPGEIPAVPSGERSNFKVPSI
AEGENKTSKSWRHPLSRPPARSPMTLVKQQAPSDEELPEVLSIEEEVEETESWAKPLIHLWQTKSPNFAA
EQEYNATVARMKPHCAICTLLMPYHKPDSSNEENDARWETKLDEVVTSEGKTKPLIEMCFIYSEENIEY
SPPNAFLLEDGTSLLISCAKCCVRVHASCYGPSHEICDGWLCARCKRNAWTAECCLCNLRGGALKQTKN
NKWAHVMCVAVPEVRFNTPERTQIDVGRIPQLRLKLCIFCRHRVKRVSGACIQCSYGRCPASFHVTC
AHAAGVLMPEPDDWPYVWNITCFRHKVNPVKSACEKVISVGQTVITKHNTRYYSRVMMAVTSQTFYEV
MFDDGSFSRDTFPEDIVSRDCLKGPPAEGEVVQVKWPDGKLYGAKYFGSNIAHMYQVEFEDGSQIAMKR
EDIYTLDEELPKRVKARFSTASDMRFEDTFYGADIIQGERKQRVLSSRFKNEYVADPIYRTFLKSSSFQK
KCQKRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

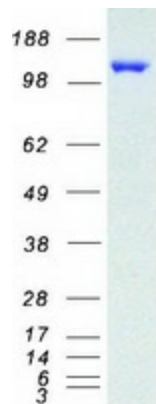
Tag:	C-Myc/DDK
Predicted MW:	119.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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:	NP_055876
Locus ID:	23081
UniProt ID:	Q9H3R0
RefSeq Size:	4687
Cytogenetics:	9p24.1
RefSeq ORF:	3168
Synonyms:	GASC1; JHDM3C; JMJD2C; TDRD14C
Summary:	This gene is a member of the Jumonji domain 2 (JMJD2) family. The encoded protein is a trimethylation-specific demethylase, and converts specific trimethylated histone residues to the dimethylated form. This enzymatic action regulates gene expression and chromosome segregation. Chromosomal aberrations and changes in expression of this gene may be found in tumor cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified KDM4C protein (Cat# TP311182). The protein was produced from HEK293T cells transfected with KDM4C cDNA clone (Cat# [RC211182]) using MegaTran 2.0 (Cat# [TT210002]).