

Product datasheet for TP511551

Kdm4c (NM_144787) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse lysine (K)-specific demethylase 4C (Kdm4c), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211551 representing NM_144787 Red=Cloning site Green=Tags(s)

MEVVEVESPLNPSCKIMTFRPSMEEFREFNKYLAYMESKGAHRAGLAKVIPPKEWKPRQCYDDIDNLLIP
APIQQMVTGQSGFLTQYNIQKKAMTVKEFRQLANSSKYCTPRYLDYEDLERKYWKNLTFVAPIYGADING
SIYDEGVDEWNIARLNTVLDVVEEFCISIEGVNTPYLYFGMWKTTFAWHTEDMDLYSINYLHFGEPKSW
YAIPPEHGKRLERLAQGFFPSSSQGCDAFLRHKMTLISPSVLKKYGIPFDKITQEAGEFMITFPYGYHAG
FNHGFNCAESTNFATVRWIDYGKVALCTCRNDMVKISMDIFVKKFQPDRIYQIWKQKDIYTIDHTKPTP
ESTPEVKTWLQRKKLRKPPKSLQGNKPLCKRPKEEDEEFAEFSGEEGANPAMGPRHLKVTEKPEKALK
LGKLEESSAKEALDTRIQVDQSLNLDTKLSGKGCISSTVAEIPPEDNRASAVISPSQLKEGADCIPLSH
GHQAGKESHLLKILKLESPKIPSPLESNKVLTEGEENDEEGHGSNLEPGEIPEALSEERNGLNIPKIIIE
GQPKTTKSWRHPLGKPPARSPMTLVKQQVASDEELPEVLSIDEVEEETESWAKPLIHLWQTKSPNFMAEQ
EYNATVAKMEPNCAICTLLMPYYKPDSSKEENDSRWETAVNEVVQSGRKTPIPEMCFIYSEENVDYSP
PNAFLEEDGTSLLISCAKCFVRVHASCYGVPSHEVCDGWLCARCKRNAWTAECCLCNLRGGALKQTKNNQ
WAHVICAVAVPEVRFTNVPERTQIDVDRIPLQRLKLCIFCRHRVKKVSGACIQCSYGRCPASFHVTCAH
AAGVLMPEDDWPYVWNITCFRHRVNSNAKSKTCEKAISVGQTVITKHNTRYSCRVIDVTSQTFYEVMF
DDGSFSRDTFPEDIVSRNCVKLGPPAEGEVIQKWPDKLYGAKYLGSNVAYMYQVEFEDGSGIAMKRED
IYTLDEELPKRVKARFSTASDMRFEDTFYGADVIQGERKRQRLSSRLKNEYVDDPVYRTFLKSSFKKCK
QKRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	120.4 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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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 after receiving vials.
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_659036
Locus ID:	76804
UniProt ID:	Q8VCDZ , A2BEG5
RefSeq Size:	4231
Cytogenetics:	4 C3
RefSeq ORF:	3162
Synonyms:	2410141F18Rik; AA517467; Gasc1; Jmjd2c
Summary:	Histone demethylase that specifically demethylates 'Lys-9' and 'Lys-36' residues of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27' nor H4 'Lys-20'. Demethylates trimethylated H3 'Lys-9' and H3 'Lys-36' residue, while it has no activity on mono- and dimethylated residues. Demethylation of Lys residue generates formaldehyde and succinate (By similarity).[UniProtKB/Swiss-Prot Function]