

Product datasheet for PH311182

KDM4C (NM_015061) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KDM4C MS Standard C13 and N15-labeled recombinant protein (NP_055876)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211182
Predicted MW:	120 kDa
Protein Sequence:	>RC211182 protein sequence Red=Cloning site Green=Tags(s)

MEVAEVESPLNPSCCKIMTFRPSMEEFREFNKYLAYMESKGAHRAGLAKVIPPKEWKPRQCYYDDIDNLLIP
APIQQMVTGQSGLFTQYNIQKKAMTVKEFRQLANSGKYCTPRYLDEYDLERKYWKNLTFVAPIYGADING
SIYDEGVDEWNIARLNTVLDVVEEECGISIEGVNTPYLFGMWKTTFAWHTEDMDLYSINYLFHGEPKSW
YAIPEHGKRLERLAQGFPPSSSQGDAFLRHKMTLISPSVLKKGIPFDKITQEAGEFMITFPYGYHAG
FNHGFNCAESTNFATVRWIDYGVAKLCTCRKDMVKISMDIFVRKFQPDYQLWKQKDIYITDHTKPTP
ASTPEVKAWLQRRRKVRKASRSFQCARSTSKRPKADDEEEVSDEVDGAEVNPNDSVTDLLKVKSEAAV
KLRNTEASSEESSASRMQVEQNLSDHIKLSGNSCLSTSVTEDIKTEDDKAYAYRSVPSISSEADDSIPL
SSGYEKPEKSDPSEL SWPKSPESCSSVAESNGVLTEGEESDVESHGNLEPGEIPAVPSGERSNFKVPSI
AEGENKTSKSWRHPLSRPPARSPMTLVKQQAQPSDEELPEVLSIEEEVEETESWAKPLIHLWQTKSPNFAA
EQEYNATVARMKPHCAICTLLMPYHKPDSNEENDARWETKLEVVVTSEGTKPLIPEMCFIYSEENIEY
SPPNAFL EEDGTSLLISCAKCCVRVHASCYGPSHEICDGLWCARCKRNAWTAECCLCNLRGGALKQTKN
NKWAHVMCVAVPEVRFNTVPERTQIDVGRIPQLRLKLCIFCRHRVKRVSGACIQCSYGRCPASFHVTC
AHAAGVLM EPDDWPYVNIITCFRHKVNPVSKACEKVISVGQTVITKHRNTRYYSRVMVAVTSQTFYEV
MFDDGSF SRDTPEDIVSRDCLKLGPAAEGEVVQVKWPDGKLYGAKYFGSNIAHMYQVEFEDGSQIAMKR
EDIYTLDEELPKRVKARFSTASDMRFEDTFYGADIIQGERKRQVLSRFRKNEYVADPIYRTFLKSSFQK
KCQKRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

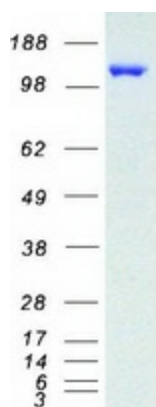
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



[View online »](#)

Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055876
RefSeq Size:	4687
RefSeq ORF:	3168
Synonyms:	GASC1; JHDM3C; JMJD2C; TDRD14C
Locus ID:	23081
UniProt ID:	Q9H3R0
Cytogenetics:	9p24.1
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]).