

Product datasheet for TP329072

KDM3A / JHDM2A (KDM3A) (NM_001146688) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lysine (K)-specific demethylase 3A (KDM3A), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC229072 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MVLTLGESWPVLVGRFSLSLAADGSDGSHDSWDVERVAEWPWLSGTIRAVSHTDVTKKDLKVCVEFDGE
SWRKRRWIEVYLLRRAFLVEHNLVLAERKSPEISERIVQWPAITYKPLLDKAGLSITSVRFLGDQQRV
FLSKDLLKPIQDVNSLRLSLTDNQIVSKEFQALIVKHLDESHLLKGDKNLVGSEVKIYSLDPSTQWFSAT
VINGNPASKTLQVNCEEIPALKIVDPSLIHVEVVDNLVTCGNSARIGAVKRKSENNGTLVSKQAKSCS
EASPSMCPVQSVPTTVFKEILLGCTAATPPSKDPRQQSTPQAANSPPNLGAKIPQGCHKQSLPEEISSCL
NTKSEALRTKPDVCKAGLLSKSSQIGTDLKILTEPKGSCTQPKTNTDQENRLESVPQALTGLPKECLPT
KASSKAELEIANPPELQKHLEHAPSPSDVSNAPVKAAGVNSDSPNNCSGKKVEPSALACRSQNLKESVVK
VDNESCCSRSNKIQNAPSRKSVLTDPAKLLKQQSGEAFVQDDSCVNIVAQLPKCRECLDSLKDKKEQ
QKDSPVFCRFFHFRRLLQFNKHGVLVVEGFLTPNKYDNEAIGLWLPLTKNVVIGIDLDTAKYILANIGDHFC
QMVISEKEAMSTIEPHRQVAWKRAVKGVREMCVDCDTTIFNLHWVCPRCGFGVCVDCYMRKRNKCQQGAA
YKTFSWLKCVKSIHEPENLMPTQIIPGKALYDVGDIVHSVRKWKIGKANPCSNRQFKLFSKPAKEDL
KQTSLAGEKPTLGAVLQQNPSVLEPAAVGGEAASKPAGSMKPACPASTSPLNWLADLTSGNVNKENKEKQ
PTMPILKNEIKLPLPLPLSKSSTVLHTFNSTILTPVSNNSGFLRNLLNSSTGKTENGLKNTPKILDDI
FASLVQNKTTSDLSKRPQGLTIKPSILGFDTPHYWLCDNRLCLQDPNKSNNWNVWFRECKWQGGPVMVSG
VHHKLNSELWKPEFRKEFGQEVDLVNCRTEIITGATVGFDFWDFEDVPNRLKNEKPMVLKLDWPP
GEDFRDMMPSRFDLDMANIPLPEYTRRDGKLNLASRLPNYFVRPDLGPKMYNAYGLITPEDRKYGTTNLH
LDVSDAANVMVYVGIKPGQCEQEEVLKTIQDGDSDDELTIKRFIEGKEKPGALWHIYAAKDTEKIREFLK
KVSEEQGENPADHDPIHDQSWYLDRLSRKRLHQEYGVQGWAIQFLGDVVFIPAGAPHQVHNLYSICKV
AEDFVSPEHVKHCFWLTQEFYLSQHTNHEDKLQVKNVIYHAVKDAVAMLKASESSFGPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

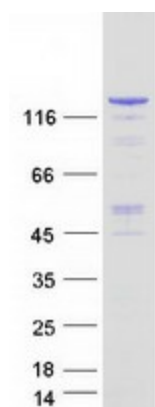
Tag:	C-Myc/DDK
Predicted MW:	147.2 kDa



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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:	NULL or Add: Recombinant proteins 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_001140160
Locus ID:	55818
UniProt ID:	Q9Y4C1
RefSeq Size:	4638
Cytogenetics:	2p11.2
RefSeq ORF:	3963
Synonyms:	JHDM2A; JHMD2A; JMJD1; JMJD1A; TSGA
Summary:	This gene encodes a zinc finger protein that contains a jumonji domain and may play a role in hormone-dependent transcriptional activation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]

Product images:



Coomassie blue staining of purified KDM3A protein (Cat# TP329072). The protein was produced from HEK293T cells transfected with KDM3A cDNA clone (Cat# [RC229072]) using MegaTran 2.0 (Cat# [TT210002]).