

## Product datasheet for **TP315874L**

### **KDM3A / JHDM2A (KDM3A) (NM\_018433) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human jumonji domain containing 1A (JMJD1A), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >RC215874 representing NM\_018433  
**Clone or AA Sequence:** Red=Cloning site Green=Tags(s)

MVLTLGESWPVLVGRFRFLSLAADGSDGSHDSWDVERVAEWPWLSGTIRAVSHTDVTKKDLKVCVEFDGE  
SWRKRWRWIEVYSLRRRAFLVEHNLVLAERKSPEISERIVQWPAITYKPLLDKAGLSITSVRFLGDQQRV  
FLSKDLLKPIQDVNSLRSLTDNQIVSKEFQALIVKHLDESHLLKGDKNLVGSEVKIYSLDPSTQWFSAT  
VINGNPASKTLQVNCEEIPALKIVDPSLIHVEVVDNLVTCGNSARIGAVKRKSENNGTLVSKQAKSCS  
EASPSMCPVQSVPTTVFKEILLGCTAATPPSKDPRQSTPQAANSPPNLGAKIPQGCHKQSLPEEISSCL  
NTKSEALRTKPDVCKAGLLSKSSQIGTGDLKILTEPKGSCTQPKTNTDQENRLESVPQALTGLPKECLPT  
KASSKAELEIANPPELQKHLEHAPSPSDVSNAPVKAQVNSDSPNNCSGKKVEPSALACRSQNLKESVVK  
VDNESCCSRSNKIQNAPSRKSVLTDPAKLLKQSQGEAFVQDDSCVNIVAQLPKCRECLDSLKDKKEQ  
QKDSPVFCRFFHFRRLQFNKHGVLRVGFLTPNKYDNEAIGLWLPKTNVVGIDLDATAKILANIGDHF  
QMVISEKEAMSTIEPHRQVAWKRAVKGVREMCVDCDTTIFNLHWVCPRCGFGVCVDCYRMKRKNCQQGAA  
YKTFSWLKCCKVSIHEPENLMPTQIIPGKALYDVGDIVHSVRKWKIGKANCPCSNRQFKLFSKPAKEDL  
KQTSLAGEKPTLGAVLQQNPSVLEPAAVGGEAASKPAGSMKPACPASTSPLNWLADLTSGNVNKENKEKQ  
PTMPILKNEIKCLPPLPPLSKSSTVLHTFNSTILTPVSNNSGFLRNLLNSSTGKTENGLKNTPKILDDI  
FASLVQNKTTSDLSKRPQGLTIKPSILGFDTPHYWLCDNRLLCLQDPNNKSNWVNFRECKWQGGPVMVSG  
VHHKLNSELWKPEFRKEFGEQEVLDVNCRTNEIITGATVGFDFWDFEDVPNRLKNEKEPMLKLDWPP  
GEDFRDMMPSRFDLDMANIPLPEYTRRDGKLNLASRLPNYFVRPDLGPKMYNAYGLITPEDRKYGTTNLH  
LDVSDAANVMVYVIGIPKQCEQEEVLTQDGDSDDELTIKRFIEGKEKPGALWHIYAAKDTEKIREFLK  
KVSEEQQENPADHDPIHDQSWYLDRLSRKRLHQEYGVQGWAVQFLGDVVFIPAGAPHQVHNLVYSCIY  
AEDFVSPEHVKHCFWLTQEFYLSQHTNHEDKLQVKNVIYHAVKDAVAMLKASSESSFGPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

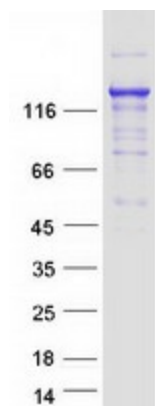
**Tag:** C-Myc/DDK  
**Predicted MW:** 147.2 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060903</a>
<b>Locus ID:</b>	55818
<b>UniProt ID:</b>	<a href="#">Q9Y4C1</a>
<b>RefSeq Size:</b>	4718
<b>Cytogenetics:</b>	2p11.2
<b>RefSeq ORF:</b>	3963
<b>Synonyms:</b>	JHDM2A; JHMD2A; JMJD1; JMJD1A; TSGA
<b>Summary:</b>	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# [TP315874]). The protein was produced from HEK293T cells transfected with KDM3A cDNA clone (Cat# [RC215874]) using MegaTran 2.0 (Cat# [TT210002]).