

## Product datasheet for PH315874

### KDM3A / JHDM2A (KDM3A) (NM\_018433) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	KDM3A MS Standard C13 and N15-labeled recombinant protein (NP_060903)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215874
Predicted MW:	147.2 kDa
Protein Sequence:	>RC215874 representing NM_018433 Red=Cloning site Green=Tags(s)

MVLTLGESWPVLVGRFSLSAADGSDGSHDSWDVERVAEWPWLSGTIRAVSHTDVTKKDLKVCVEFDGE  
SWRKRRIEVIYSLRLRAFLVEHNLVLAERKSPEISERIVQWPAITYKPLLDKAGLSITSVRFLGDQQRV  
FLSKDLLKPIQDVNSLRSLTDNQIVSKEFQALIVKHLDESHLLKGDKNLVGSEVKIYSLDPSTQWFSAT  
VINGNPASKTLQVNCEEIPALKIVDPSLIHVEVVHDNLVTCGNSARIGAVKRKSENNGTLVSKQAKSCS  
EASPSMCPVQSVPTTVFKEILLGCTAATPPSKDPRQOSTPQAANSPPNLGAKIPQGCHKQSLPEEISSCL  
NTKSEALRTKPDVCKAGLLSKSSQIGTGDLKILTEPKGCTQPKTNTDQENRLESVPQAL TGLPKECLPT  
KASSKAELEIANPPELQKHLEHAPSPSDVSNAPVKAQVNSDSDPNNSGKKEVPSALACRSQNLKESVVK  
VDNECCSRSNKIQNAPSRKSVLTDPAKLLKQSGEAFVQDDSCVNIVAQLPKCRECLDSLRRKDKQEQ  
QKDSVPVFCRFFHFRRLQFNKHGVL RVEGFLTPNKYDNEAIGLWLP LTKNVVGDIDLTAKYILANIGDHF  
QMVISEKEAMSTIEPHRQVAVKRAVKGVREMCVCDTTIFNLHWVCPRCGFGVVCYRMRKNCQOGAA  
YKTFSWLKCYSQIHEPENLMPTQIIPGKALYDVGDIVHVSRAKVGWIKANCPNSRQFKLFSKPASKEDL  
KQTSLAGEKPTLGAVLQNPVLEPAAVGGEEAASKPAGSMKPACPASTSPLNWLADLTSGNVNKENKEKQ  
PTMPILKNEIKCLPPLPPLSKSSTVLHTFNSTILTPVSNNSGFLRNLLNSSTGKTENGLKNTPKILDDI  
FASLVQNKTTSDL SKRPQGLTIKPSILGFDTPHYWLCNRLCLQDPNNSNWNVFRWCWKQGPVMVSG  
VHHKLNSELWKPEFRKEFGEQEVLDVNCRTNEIITGATVGDVDFWDFEDVPNRLKNEKPMVLLKDWPP  
GEDFRDMMPSRFDDL MANIPLPEYTRRDGKLNLSRLPNYFVRPDLGPKMYNAYGLITPEDRKYGTNLH  
LDVSDAANVMVYVGI PKGQCEQEEVLTIQDGSDELTIKRFIEGKEKPGALWHIYAADTEKIREFLK  
KVSEEQGENPADHDPIDHQSWYLDRLRKRHLHQEYGVQGWAI VQFLGDVVFIPAGAPHQVHNLYSICIKV  
AEDFVSPEHVKHCFWLTQEFRYLSQTHNHEDKLQVKNVIYHAVKDAVAMLKASESSFGKP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

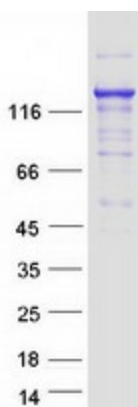
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Labeling Method:</b>	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3
<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_060903</a>
<b>RefSeq Size:</b>	4718
<b>RefSeq ORF:</b>	3963
<b>Synonyms:</b>	JHDM2A; JHMD2A; JMJD1; JMJD1A; TSGA
<b>Locus ID:</b>	55818
<b>UniProt ID:</b>	<a href="#">Q9Y4C1</a>
<b>Cytogenetics:</b>	2p11.2
<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]).