

## Product datasheet for TP310861M

### KDM6A (NM\_021140) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human ubiquitously transcribed tetratricopeptide repeat, X chromosome (UTX), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC210861 representing NM\_021140  
**Red**=Cloning site **Green**=Tags(s)

MKSCGVS LATAAAAAA AFGDEEKKMAAGKASGESEEEASPSLTAEEREALGG LDSRLFGFVRFHEDGARTK  
 ALLGKAVRCYESLILKAEGKVESDFFCQLGHFNLLLEDYPKALSAYQRYYS LQSDYWKNAAFLYGLGLVY  
 FHYNFQWAIKAFQEVLYVDP SFCRAKEIHLRLGLMFKVNTDYESSLKHFQLALVDCNPCTLSNAEIQFH  
 IAHL YETQRKYHSAKEAYEQ LLQTENLSAQVKATVLQQLGWMHHTVDLLGDKATKESYAIQYLQKSLEAD  
 PNSGQSWYFLGR CYSSIGKVQDAFISYRQSIDKSEASADTWCSIGVLYQQNQPM DALQAYICAVQLDHG  
 HAAAWMDLGTLYESCNPQD AIKCYLNATRSKSCSNTSALAARIKYLQAQLCNLPQGS LQNKTKLLPSIE  
 EAWSLPIAELTSRQGAMNTAQQNTSDNWSGGH AVSHPPVQQQAHSWCLTPQKLQHLEQLRANRNNLNPA  
 QKLMLEQLESQFVLMQQHQMRPTGVAQVRSTGIPNGPTADSSLPTNSVSGQQPQLALTRVPSV SQPGVRP  
 ACPGQPLANGPFSAGHVPCSTSR TLGSTDILIGNNHITGSGSNGNVPYLRNALTLPHNRTNL TSSAEE  
 PWKNQLSNSTQGLHKGQSSHSAGPNGERPLSSTGPSQLQAAGSGIQNQNGHPTLPSNSVTQGAALNHLS  
 SHTATSGGQQGITLTKESKPSGNILKVPETS RHTGETPNSTASVEGLPNHVHQM TADAVCSPSHGDSKSP  
 GLLSSDNPQLSALLMGKANN NVGTGTCDKVNNIHPAVHTKTDNSVASSPSSAISTATPSPKSTEQTTTNS  
 VTSLNPHSGLHTINGEGMEESQSPMKD LLLVNHKPSPQIIPSMSVSIYPSSAEVLKACRN LGKNLSN  
 SSILLDKCPPRPSSPYPLPKDKLNPPTPSIYLENKRDAFFPPLHQFCTNPNNPVT VIRGLAGALKLD  
 LGLFSTKTLVEANNEHMVEVRTQLLQPADENWDPTGTKKIWHCESNRSH TTIKAYAQQASSFQESLREE  
 NEKRSHHKDHSDESTSSD NSGRRRKGPFTIKFGTNI DLSDDKWKLQLHELTKLP AFVRVVSAGNLLS  
 HVGHTILGMNTVQLYMKVPGSRTPGHQENNNFCSVNINIGPGDCEWVFWPEGYWGV LNDVFCEKNNLNFLM  
 GSWWPNLEDLYEANVPVYRFIQRPGDLVWINAGTVHWVQAIGWCNNIAWNVG PLTACQYKLAVERYEWNK  
 LQSVKSIVPMVHLSWNMARNIKVSDPKLFEMIKYCLLRTLKQCQTLREALIAAGKEI IWHGRTKEEPAHY  
 CSICEVEVFDLLFVTNESNSRKYIVHCQDCARKTSGNLENFVLEQYKMEDLMQVYDQFTLAPPLPSAS  
 S

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

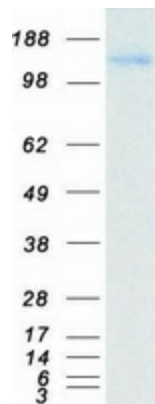
**Tag:** C-Myc/DDK



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<b>Predicted MW:</b>	154 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<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_066963</a>
<b>Locus ID:</b>	7403
<b>UniProt ID:</b>	<a href="#">Q15550</a> , <a href="#">Q59HG3</a>
<b>RefSeq Size:</b>	5418
<b>Cytogenetics:</b>	Xp11.3
<b>RefSeq ORF:</b>	4203
<b>Synonyms:</b>	bA386N14.2; KABUK2; UTX
<b>Summary:</b>	This gene is located on the X chromosome and is the corresponding locus to a Y-linked gene which encodes a tetratricopeptide repeat (TPR) protein. The encoded protein of this gene contains a JmjC-domain and catalyzes the demethylation of tri/dimethylated histone H3. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Apr 2014]

### Product images:



Coomassie blue staining of purified KDM6A protein (Cat# [TP310861]). The protein was produced from HEK293T cells transfected with KDM6A cDNA clone (Cat# [RC210861]) using MegaTran 2.0 (Cat# [TT210002]).