

Product datasheet for TP310861

KDM6A (NM_021140) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human ubiquitously transcribed tetratricopeptide repeat, X chromosome (UTX), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC210861 representing NM_021140
Red=Cloning site Green=Tags(s)

MKSCGVS LATAAAAAAAFGDEEKKMAAGKASGESEEEASPSLTAEREALGG LDSR LFGFVRFHEDGARTK
 ALLGKAVRCYESLILKAEGKVESDFFCQLGHFNLLLEDYPKALSAYQRYSLQSDYWKNAAFLYGLGLVY
 FHYN AFQWAIKAFQEVLYVDP SFCRAKEIHLRLGLMFKVNTDYESSLKHFQLALVDCNPCTLSNAEIQFH
 IAHL YETQRKYHSAKEAYEQLLQTENLSAQVKATVLQQLGWMHHTVDLLGDKATKESYAIQYLQKSLEAD
 PNSGQSWYFLGRCYSSIGKVQDAFISYRQSIDKSEASADTWCSIGVLYQQNQPM DALQAYICAVQLDHG
 HAAAWMDLGTLYESCNPQDAIKCYLNATRSKSCSNTSALAARIKYLQAQLCNLPQGSLQNKTKLLPSIE
 EAWSLPIAELTSRQGAMNTAQQNTSDNWSGGHAVSHPPVQQQAHSWCLTPQKLQHLEQLRANRNNLNPA
 QKLMLEQLESQFVLMQQHQMRPTGVAQVRSTGIPNGPTADSSLPTNSVSGQQPQLALTRVPSVVSQPGVRP
 ACPGQPLANGPFSAGHVPCSTSR TLGSTD TILIGNNHITGSGSNGNVPYLRNALTLPHNRTNLTSAAEE
 PWKNQLSNSTQGLHKGQSSHSAGPNGERPLSSTGPSQLQAAGSGIQNQNGHPTLPSNSVTQGAALNHLS
 SHTATSGGQQGITLTKESKPSGNILKVPETS RHTGETPNSTASVEGLPNHVHQM TADAVCSPSHGDSKSP
 GLLSSDNPQLSALLMGKANNNVGTGTC DKVNNIHPAVHTKTDNSVASSPSSAISTATPSPKSTEQTTTNS
 VTSLNPHSGLHTINGEGMEESQSPMKD LLLVNHKPSPQIIPSMSVSIYPSSAEVLKACRN LGKNLSN
 SSILLDKCPPRPPSSPYPLPKDKLN PPTPSIYLENKRDAFFPPLHQFCTNPNNPVTVIRGLAGALKLD
 LGLFSTKTLVEANNEHMMVEVRTQLLQPADENWDPTGTKKIWHCESNRSHTTIAKYAQYQASSFQESLREE
 NEKRSHHKDHSDESTSSD NSGRRRKGPFTIKFGTNI DLSDDKWKLQLHELTKLP AFVRVVSAGNLLS
 HVGHTILGMNTVQLYMKVPGSRTPGHQENNNFCSVNINIGPGDCEWVFWPEGYWGV LND FCEKNNLNFLM
 GSWWPNLEDLYEANVPVYRFIQRPGDLVWINAGTVHWVQAIGWCNNIAWNVGPLTACQYKLAVERYEWNK
 LQSVKSIVPMVHLSWNMARNIKVSDPKLFEMIKYCLLRTLKQCQTLREALIAAGKEIWHGRTKEEPAHY
 CSICEVEVFDLLFVTNESNSRKYIVHCQDCARKTSGNLENFVLEQYKMEDLMQVYDQFTLAPPLPSAS
 S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

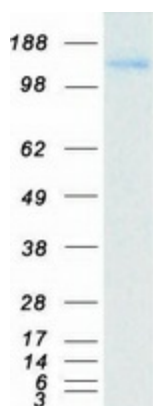
Tag: C-Myc/DDK



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Predicted MW:	154 kDa
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:	Recombinant protein 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_066963
Locus ID:	7403
UniProt ID:	Q15550 , Q59HG3
RefSeq Size:	5418
Cytogenetics:	Xp11.3
RefSeq ORF:	4203
Synonyms:	bA386N14.2; KABUK2; UTX
Summary:	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]).