

Product datasheet for TP310861L

KDM6A (NM_021140) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human ubiquitously transcribed tetratricopeptide repeat, X chromosome (UTX), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC210861 representing NM_021140
Red=Cloning site **Green**=Tags(s)

MKSCGVS LATAAAAAA AFGDEEKKMAAGKASGESEEEASPSLTAEREALGG LDSRLFGFVRFHEDGARTK
 ALLGKAVRCYESLILKAEGKVESDFFCQLGHFNLLLEDYPKALSAYQRYYS LQSDYWKNAAFLYGLGLVY
 FHYNFQWAIKAFQEVLYVDP SFCRAKEIHLRLGLMFKVNTDYESSLKHFQLALVDCNPCTLSNAEIQFH
 IAHL YETQRKYHSAKEAYEQ LLQTENLSA QVKATVLQQLGWMHHTVDLLGDKATKESYAIQYLQKSLEAD
 PNSGQSWYFLGR CYSSIGKVQDAFISYRQSIDKSEASADTWCSIGVLYQQNQPM DALQAYICAVQLDHG
 HAAAWMDLGTLYESC NPQDAIKCYLNATRSKSCSNTSALAARIKYLQAQLCNLPQGS LQNKTKLLPSIE
 EAWSLPIAELTSRQGAMNTAQQNTSDNWSGGH AVSHPPVQQQAHSWCLTPQKLQHLEQLRANRNNLNPA
 QKLMLEQLESQFVLMQQHQMRPTGVAQVRSTGIPNGPTADSSLPTNSVSGQQPQLALTRVPSV SQPGVRP
 ACPGQPLANGPFSAGH VPCSTSR TLGSTD TILIGNNHITGSGSNGNVPYLRNALTLPHNRTNL TSSAEE
 PWKNQLSNSTQGLHKGQSSHSAGPNGERPLSSTGPSQLHQAAGSGIQNQNGHPTLPSNSVTQGAALNHL S
 SHTATSGGQQGITLTKESKPSGNILKVPETS RHTGETPNSTASVEGLPNHVHQM TADAVCSPSHGDSKSP
 GLLSSDNPQLSALLMGKANN NVGTGTCDKVNNIHPAVHTKTDNSVASSPSSAISTATPSPKSTEQTTTNS
 VTSLNPHSGLHTINGEGMEESQSPMKD LLLVNHKPSPQIIPSMSVSIYPS SAEVLKACRN LGKNLSN
 SSILLDKCPPRPSSPYPLPKDKLN PPTPSIYLENKRDAFFPPLHQFCTNPNNPVT VIRGLAGALKLD
 LGLFSTKTLVEANNEHMVEVRTQLLQPADENWDPTGTKKIWHCESNRSH TTIKAYAQYQASSFQESLREE
 NEKRSHHKDHS DSESTSSD NSGRRRKGPFTIKFGTNI DLSDDKWKLQLHELTKLP AFVRVVSAGNLLS
 HVGHTILGMNTVQLYMKVPGSRTPGHQENNNFCSVNINIGPGDCEWVFWPEGYWGV LNDVFCEKNNLNFLM
 GSWWPNLEDLYEANVPVYRFIQRPGDLVWINAGTVHWVQAIGWCN NIAWNVGPLTACQYKLAVERYEWNK
 LQSVKSIVPMVHLSWNMARNIKVSDPKLFEMIKYCLLRTLKQCQTLREALIAAGKEI IWHGRTKEEPAHY
 CSICEVEVFDLLFVTNESNSRKYIVHCQDCARKTSGNLENFVLEQYKMEDLMQVYDQFTLAPPLPSAS
 S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

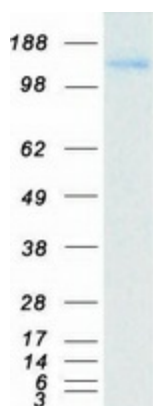
Tag: C-Myc/DDK



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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]).