

## Product datasheet for **TP315979**

### **KAT5 (NM\_182710) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human K(lysine) acetyltransferase 5 (KAT5), transcript variant 1, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC215979 representing NM_182710 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAEVSPVPGAGRREPGEVGRARGPPVADPGVALSPQGEIIEGCRPLVLRNQNEDWPLAEILSVKDI  
SGRKLFFVHYIDFNKRLDEWVWHERLDLKKIQFPKKEAKTPTKNGLPGSRPGSPEREVPASAQASGKTLP  
IPVQITLRFNLPKEREAIPIGGEPDQPLSSSSCLQPNHRSTKRKVEVSPATVPSETAPASVFPQNGAAR  
RAVAAQPGRKRKSNCLGTDEDSQDSSDGIPSAPRMTGSLVSDRSHDDIVTRMKNIECIELGRHRLKPWYF  
SPYPQELTTLPVLYLCEFLKYGRSLKCLQRHLTKCDLRHPPGNEIYRKGTSFFEIDGRKNKSYSQNL  
LLAKCFLDHKTLYYDTPFLFYVMTEYDCKGFHIVGYFSKEKESTEDYNVACILTPPYQRRGYGKLLIE  
FSYELSKVEGKTGTPEKPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQITINEISEITSIKKEDVIS  
TLQYLNINYYKGYILTSEDIVDGERAMLKRLLRIDSKCLHFTPDKDWSKRGKW

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

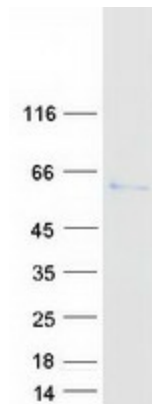
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	61.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein 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.



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RefSeq:	<a href="#">NP_874369</a>
Locus ID:	10524
UniProt ID:	<a href="#">Q92993</a>
RefSeq Size:	2335
Cytogenetics:	11q13.1
RefSeq ORF:	1638
Synonyms:	cPLA2; ESA1; HTATIP; HTATIP1; NEDFASB; PLIP; TIP; TIP60; ZC2HC5
Summary:	<p>The protein encoded by this gene belongs to the MYST family of histone acetyl transferases (HATs) and was originally isolated as an HIV-1 TAT-interactive protein. HATs play important roles in regulating chromatin remodeling, transcription and other nuclear processes by acetylating histone and nonhistone proteins. This protein is a histone acetylase that has a role in DNA repair and apoptosis and is thought to play an important role in signal transduction. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]</p>
Protein Families:	Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified KAT5 protein (Cat# TP315979). The protein was produced from HEK293T cells transfected with KAT5 cDNA clone (Cat# [RC215979]) using MegaTran 2.0 (Cat# [TT210002]).