

Product datasheet for PH309059

KAT5 (NM_006388) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KAT5 MS Standard C13 and N15-labeled recombinant protein (NP_006379)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209059
Predicted MW:	58.6 kDa
Protein Sequence:	>RC209059 protein sequence Red=Cloning site Green=Tags(s)
	<p>MAEVGEIIEGCRLPVLRRNQDNEDEWPLAEILSVKDISGRKLFYVHYIDFNKRLDEWVTHEERLDLKKIQF PKKEAKTPTKNGLPGSRPGSPEREVPASQAQSGKTLPIPVQITLRFNLPKEREAI PGGEPDQPLSSSSCL QPNHRSTKRKVEVVPATVPVSETAPASVFPQNGAARRAVAAQGRKRKSNCLGTDESDQSSDGIPSAP RMTGSLVSDRSHDDIVTRMKNIECIELGRHRLKPWYFSPYPQEL TTLPVLYLCEFLKYGRSLKCLQRHL TKCDLRHPPGNEIYRKGTISFFEIDGRKNKSYSQNLCLLAKCFLDHKTL YYDTPFLFYVMTEYDCKGFH IVGYFSKEKESTEDYNVACILTLPPYQRRGYGKLLIEFSYELSKVEGKTGTPEKPLSDLGLLSYRSYWSQ TILEILMGLKSEGERPQITINEISEITSIKKEDVISTLQYLNLINYYKGQYILTLSEDIVDGERAMLK RLLRIDS KCLHFTPKDWSKRGKW</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
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
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006379</u>
RefSeq Size:	2248
RefSeq ORF:	1539



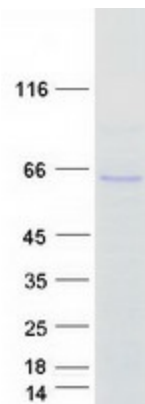
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Synonyms: cPLA2; ESA1; HTATIP; HTATIP1; NEDFASB; PLIP; TIP; TIP60; ZC2HC5
Locus ID: 10524
UniProt ID: [Q92993](#), [A0A024R597](#)
Cytogenetics: 11q13.1

Summary: 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]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified KAT5 protein (Cat# [TP309059]). The protein was produced from HEK293T cells transfected with KAT5 cDNA clone (Cat# [RC209059]) using MegaTran 2.0 (Cat# [TT210002]).