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Product datasheet for PH315979

KAT5 (NM_182710) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KAT5 MS Standard C13 and N15-labeled recombinant protein (NP_874369)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215979
Predicted MW:	61.6 kDa
Protein Sequence:	>RC215979 representing NM_182710 Red=Cloning site Green=Tags(s) MAEVVSPVPGAGRREPGEVGRARGPPVADPGVALSPQGEIIEGCRLPVLRRNQDNEDEWPLAEILSVKDI SGRKLFYVHYIDFNKRLDEWVTHERLDLKKIQFPKKEAKTPTKNGLPGSRPGSPEREVPASAQASGKTLP IPVQITLRFNLPKEREAIPGGEPDQPLSSSSCLQPNHRSTKRKVEVVSPATPVPSETAPASVFPQNGAAR RAVAAQPGRKRKSNCLGTDEDSQDSSDGIPSAPRMTGSLVSDRSHDDIVTRMKNIECIELGRHRLKPWYF SPYPQELTTLPVLYLCEFCLKYGRSLKCLQRHLTKCDLRHPPGNEIYRKGTISFFEIDGRKNKSYSQNLC LLAKCFLDHKTLYYDTDPFLFYVMTEYDCKGFHIVGYFSKEKESTEDYNVACILTLPPYQRRGYGKLLIE FSYELSKVEGKTGTPEKPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQITINEISEITSIKKEDVIS TLQYLNLINYYKGQYILTLSEDIVDGHERAMLKRLLRIDSKCLHFTPKDWSKRGKW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_874369
RefSeq Size:	2335
RefSeq ORF:	1638

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Synonyms: cPLA2; ESA1; HTATIP; HTATIP1; NEDFASB; PLIP; TIP; TIP60; ZC2HC5

Locus ID: 10524

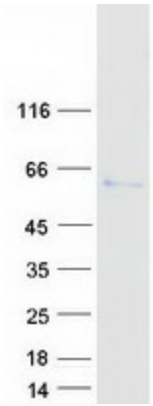
UniProt ID: Q92993

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