

# Recombinant Human KAT5 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** KAT5-2860H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	KAT5 MS Standard C13 and N15-labeled recombinant protein (NP_006379) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	58.6 kDa
<b>AA Sequence</b>	MAEVGEIIEGCRLPVLRRNQDNEDEWPLAEILSVKDISGRKLFYVHYIDFNKRLDEWV THERLDLKKIQFPKKEAKTPTKNGLPGSRPGSPEREVPASAQASGKTLPIPVQITLRF NLPKEREAIPIGGEPDQPLSSSSCLQPNHRSTKRKVEVVPATPVPSETAPASVFPQ NGAARRAVAAQPGRKRKSNCLGTDEDSQDSSDGIPSAPRMTGSLVSDRSHDDIVT RMKNIECIELGRHRLKPWYFSPYPQELTTLPVLYLCEFLKYGRSLKCLQRHLTKCD LRHPPGNEIYRKGITISFFEIDGRKNKSYSQNLCLLAKCFLDHKTLYYDTPFLFYVMT

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EYDCKGFHIVGYFSKEKESTEDYINVACILTLPPYQRRGYGKLLIEFSYELSKVEGKTG  
 TPEKPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQITINEISEITSIKKEDVISTLQY  
 LNLINYYKGQYILTLSEDIVDGHARAMLKRLLRIDSKCLHFTPKDWSKRGKWTRTRPL  
 EQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [KAT5 lysine acetyltransferase 5 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [KAT5](#)

**Synonyms** KAT5; K(lysine) acetyltransferase 5; HIV 1 Tat interactive protein, 60kDa, HTATIP; histone acetyltransferase KAT5; cPLA2; ESA1; HTATIP1; K acetyltransferase 5; PLIP; Tat interacting protein; 60kDa; TIP60; K-acetyltransferase 5; cPLA2 interacting protein; lysine acetyltransferase 5; cPLA(2)-interacting protein; 60 kDa Tat-interactive protein; Tat interacting protein, 60kDa; histone acetyltransferase HTATIP; HIV-1 Tat interactive protein, 60kDa; TIP; HTATIP;

**Gene ID** [10524](#)

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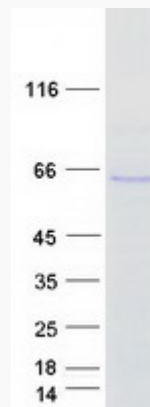
mRNA Refseq [NM\\_006388](#)

Protein Refseq [NP\\_006379](#)

MIM [601409](#)

UniProt ID [Q92993](#)

SDS-PAGE



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