

Recombinant Full Length Human KAT5 Protein, GST-tagged

Cat. No. KAT5-5667HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTATIP full-length ORF (AAH00166, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	461 amino acids
Description	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]
Molecular Mass	76.34 kDa
AA Sequence	MAEVGEIIEGCRLPVLRRNQDNEDEWPLAEILSVKDISGRKLFYVHYIDFNKRLDEWV THERLDLKKIQFPKKEAKTPTKNGLPGSRPGSPEREVKRKVEVVPATPVPSETAPA SVFPQNGAARRAVAAQPGRKRKSNCLGTDEDSQDSSDGIPSAPRMTGSLVSDRSH DDIVTRMKNIECIELGRHRLKPWYFSPYPQELTTLPLVLYLCEFCCLKYGRSLKCLQRHL TKCDLRHPPGNEIYRKGTISFFEIDGRKNKSYSQNLCLLAKCFLDHKTLYYDTPFLF YVMTEYDCKGFHIVGYFSKEKESTEDYNVACILTPPYQRRGYGKLLIEFSYELSKVE

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	GKTGTPEKPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQITINEISEITSIKKEDVIS TLQYLNLYYYKGQYILTLSEDIVDGHARAMLKRLLRIDSKCLHFTPKDWSKRGKW
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	KAT5 K(lysine) acetyltransferase 5 [Homo sapiens]
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
mRNA Refseq	NM_001206833

Protein Refseq	NP_001193762
MIM	601409
UniProt ID	Q92993

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