

# Recombinant Full Length Human KAT5 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human HTATIP full-length ORF ( AAH00166, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	461 amino acids
<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. [provided by RefSeq
<b>Molecular Mass</b>	76.34 kDa
<b>AA Sequence</b>	MAEVGEIIEGCRLPVLRRNQDNEDEWPLAEILSVKDISGRKLFYVHYIDFNKRLDEWV THERLDLKKIQFPKKEAKTPTKNGLPGSRPGSPEREVVRKVEVVPATPVPSETAPA SVFPQNGAARRAVAAQPGRKRKSNCLGTDDESDSDGIPSAPRMTGSLVSDRSH DDIVTRMKNIECIELGRHRLKPWYFSPYPQELTTLPLVYLCEFCCLKYGRSLKCLQRHL TKCDLRHPPGNEIYRKGTSFFFEIDGRKNKSYSQNLCLLAKCFLDHKTLYYDTPFLF YVMTEYDCKGFHIVGYFSKEKESTEDYNVACILTPPYQRRGYGKLLIEFSYELSKVE

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GKTGTPEKPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQITINEISEITSIKKEDVIS  
TLQYLNLYYYKGQYILTLSEDIVDGHARAMLKRLLRIDSKCLHFTPDKDWSKRGKW

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">KAT5 K(lysine) acetyltransferase 5 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">KAT5</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">10524</a>
<b>mRNA Refseq</b>	<a href="#">NM_001206833</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Protein Refseq</b>	NP_001193762
<b>MIM</b>	601409
<b>UniProt ID</b>	Q92993

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA