

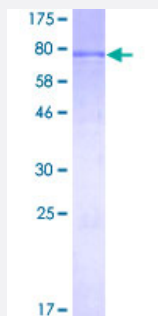
Full-Length

HTATIP (Human) Recombinant Protein (P01)

Catalog # H00010524-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HTATIP full-length ORF (AAH00166, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEVGEIIEGCRLPVLRRNQDNEDEWPLAEILSVKDISGRKLFYVHYDFNKRLDEWVTHERLDLK
KIQFPKKEAKTPTKNGLPGSRPGSPEREVKRKVEVVSPTATPVPSETAPASVFPQNGAARRAVAA
QPGRKRKSNCLGTDEDSQDSSDGIPSAPRMTGSLVSDRSHDDIVTRMKNIECIELGRHRLKPWYF
SPYPQELTTLPVLYLCEFCCLKYGRSLKCLQRHLTKCDLRHPPGNEIYRKGTSFFFEIDGRKNKSYSQ
NLCLLAKCFLDHKTLYYDTPFLFYVMTEYDCKGFHVGYSKEKESTEDYNVACILTPPYQRRGY
GKLLIEFSYELSKVEGKTGTPEKPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQTINEISEITSIK
KEDVISTLQYLNLYYKGQYILTLSEDIVDGERAMLKRLLRIDSKCLHFTPKDWSKRGKW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.34

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — KAT5

Entrez GeneID	10524
GeneBank Accession#	BC000166.2
Protein Accession#	AAH00166
Gene Name	KAT5
Gene Alias	ESA1, HTATIP, HTATIP1, PLIP, TIP, TIP60, cPLA2
Gene Description	K(lysine) acetyltransferase 5
Omim ID	601409
Gene Ontology	Hyperlink
Gene 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]
Other Designations	HIV-1 Tat interactive protein, 60kDa K-acetyltransferase 5 Tat interacting protein, 60kDa cPLA2 interacting protein

Publication Reference

- [Methylation of p53 by Set7/9 mediates p53 acetylation and activity in vivo.](#)

Kurash JK, Lei H, Shen Q, Marston WL, Granda BW, Fan H, Wall D, Li E, Gaudet F.

Molecular Cell 2008 Feb; 29(3):392.

Application: IP, PI, WB, Human, HCT-116, Recombinant protein