

Datasheet

HTATIP (Human) Recombinant Protein (P01)

Catalog Number: H00010524-P01

Regulation Status: For research use only (RUO)

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

Sequence:

MAEVGEIIEGCRPLVLRNQNEDWPLAEILSVKDIS
GRKLFYVHYIDFNKRLDEWVTHEERLDLKKIQFKKEAK
TPTKNGLPGRSPEREVKRVKVEVSPATPVPSETA
PASVFPQNGAARRAVAAQPGRKRKSNCLGTDEDSQD
SSDGIPSAPRMTGSLVSDRSHDDIVTRMKNIECIELGR
HRLKPWFYFSPYPQELTLPVLYLCEFCCLKYGRSLKCLQ
RHLLTKCDLRHPPGNEIYRKGTSFFFEIDGRKNKSYSQN
LCLLAKCFLDHKTLYYDTPFLFYVMTEYDCKGFHIVG
YFSKEKESTEDYNVACILTPPYQRRGYGKLLIEFSYEL
SKVEGKTGTPEKPLSDLGLLSYRSYWSQTILEILMGLK
SESGERPQITINEISEITSIKKEDVISTLQYLNLINYYKGQ
YILTSEDIVDGHERRAMLKRLLRIDSKCLHFTPKDWSKR
GKW

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76.34

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 10524

Gene Symbol: KAT5

Gene Alias: ESA1, HTATIP, HTATIP1, PLIP, TIP, TIP60, cPLA2

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]

References:

1. 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. Mol Cell. 2008 Feb 15; 29(3): 392-400.