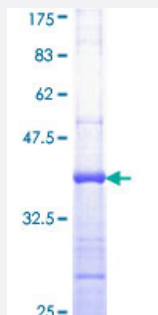


HTATIP (Human) Recombinant Protein (Q01)

Catalog # H00010524-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HTATIP partial ORF (NP_874369, 437 a.a. - 546 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQITINEISEITSIKKEDVISTLQYLNLYYKGQYILT LSEDIVDGERAMLKRLLRIDSKCLHFTPKDWSKRGKW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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# [NM_182710](#)

Protein Accession# [NP_874369](#)

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