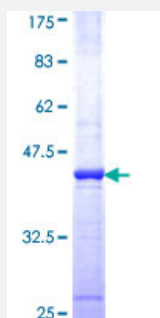


HAT1 (Human) Recombinant Protein (Q01)

Catalog # H00008520-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HAT1 partial ORF (NP_003633, 310 a.a. - 419 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NEDMAIEAQQKFKINKQHARRVYEILRLLVTDMSDAEQYRSYRLDIKRRLISPYKKKQRDLAKMRKC LRPEELTNQMNQIEISMQHEQLEESFQELVEDYRRVIERLAQE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — HAT1

Entrez GeneID [8520](#)

GeneBank Accession# [NM_003642](#)

Protein Accession# [NP_003633](#)

Gene Name HAT1

Gene Alias KAT1

Gene Description histone acetyltransferase 1

Omim ID [603053](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq]

Other Designations -

Disease

- [Asthma](#)