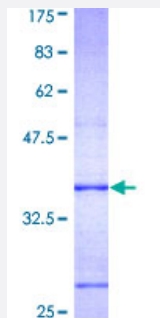


GCN5L2 (Human) Recombinant Protein (Q01)

Catalog # H00002648-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human GCN5L2 partial ORF (AAH32743, 738 a.a. - 837 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KNLLAQIKSHPSAWPFMEPVKKSEAPDYVEVIRFPIDLKTMTERLRSRYVTRKLFVADLQRVIANC REYNPPDSEYCRCASALEKFFYFKLKEGGLIDK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — KAT2A

Entrez GeneID [2648](#)

GeneBank Accession# [BC032743](#)

Protein Accession# [AAH32743](#)

Gene Name KAT2A

Gene Alias GCN5, GCN5L2, MGC102791, PCAF-b, hGCN5

Gene Description K(lysine) acetyltransferase 2A

Omim ID [602301](#)

Gene Ontology [Hyperlink](#)

Gene Summary KAT2A, or GCN5, is a histone acetyltransferase (HAT) that functions primarily as a transcriptional activator. It also functions as a repressor of NF-kappa-B (see MIM 164011) by promoting ubiquitination of the NF-kappa-B subunit RELA (MIM 164014) in a HAT-independent manner (Mao et al., 2009 [PubMed 19339690]).[supplied by OMIM]

Other Designations GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 2|GCN5 general control of a mino-acid synthesis 5-like 2|General control of amino acid synthesis, yeast, homolog-like 2

Pathway

- [Notch signaling pathway](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)