

# Recombinant Human KAT2A Protein, GST-tagged

**Cat. No.** KAT2A-120H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KAT2A protein, fused with N-terminal GST tag, was expressed in E.coli.              |
| <b>Species</b>          | Human                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                |
| <b>ProteinLength</b>    | 726-837                                                                                               |
| <b>Form</b>             | 50 mM Tris HCl, pH 7.5, 500 mM NaCl, 1 mM TCEP, 10% glycerol (v/v)                                    |
| <b>Molecular Mass</b>   | 40.3 kDa                                                                                              |
| <b>Storage</b>          | Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KAT2A K(lysine) acetyltransferase 2A [ Homo sapiens ]                                                                                                                                                                                      |
| <b>Official Symbol</b> | KAT2A                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | KAT2A; K(lysine) acetyltransferase 2A; GCN5 general control of amino acid synthesis 5 like 2 (yeast) , GCN5L2; histone acetyltransferase KAT2A; GCN5; PCAF b; STAF97; hsGCN5; lysine acetyltransferase 2A; histone acetyltransferase GCN5; |

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|                            |                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | general control of amino acid synthesis protein 5-like 2; General control of amino acid synthesis, yeast, homolog-like 2; GCN5 (general control of amino-acid synthesis, yeast, homolog)-like 2; hGCN5; GCN5L2; PCAF-b; MGC102791;                                                                                                                                                           |
| <b>Gene ID</b>             | <a href="#">2648</a>                                                                                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>         | <a href="#">NM_021078</a>                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>      | <a href="#">NP_066564</a>                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MIM</b>                 | <a href="#">602301</a>                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>          | <a href="#">Q92830</a>                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Chromosome Location</b> | 17q12-q21                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Pathway</b>             | C-MYC pathway, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; NOTCH1 Intracellular Domain Regulates Transcription, organism-specific biosystem; |
| <b>Function</b>            | H3 histone acetyltransferase activity; chromatin binding; histone acetyltransferase activity; contributes_to histone acetyltransferase activity; histone acetyltransferase activity (H4-K12 specific); histone deacetylase binding; protein binding; transcription coactivator activity; transferase activity;                                                                               |