

KAT6B recombinant protein

KAT6B (MYST4), Active

CATALOG # AAA72999	HOST Sf9 insect cells using baculovirus
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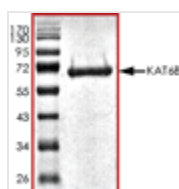
PRODUCT SYNONYMS

KAT6B; KAT6B (MYST4); Active; KAT6B recombinant protein

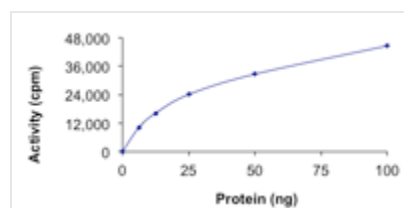
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	431-end
Sequence Length	8509
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for KAT6B recombinant protein	Description: Recombinant human KAT6B (MYST4) (431-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: KAT6B is the catalytic subunit of the histone acetyltransferase (HAT) elongator complex, which is ubiquitously expressed in adult human tissues. KAT6B is a 1,781aa-residue protein that contains a strong transcriptional repression domain at its N terminus and a highly potent activation domain at its C terminus (1). These domains of KAT6B may be involved in both positive and negative regulation of transcription and also involved in cerebral cortex development. KAT6B is important for cellular aging, proliferation, positive and negative transcriptional regulation and DNA damage repair (2).
Product Categories/Family for KAT6B recombinant protein	Enzymes; Active Acetyltransferases

References	1. Champagne, N. et.al: Identification of a human histone acetyltransferase related to monocytic leukemia zinc finger protein. J. Biol. Chem. 274: 28528-28536, 1999. 2. Pena AN, et.al: The role of the MORF/MRG family of genes in cell growth, differentiation, DNA repair, and thereby aging. DOI: 10.1196/annals: 299 -305, April 2007.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	374349203
NCBI GeneID	23522
NCBI Accession #	NM_012330.3
NCBI GenBank Nucleotide #	NM_012330
UniProt Accession #	Q8WYB5; O15087; Q86Y05; Q8WU81; Q9UKW2; Q9UKW3; Q9UKX0
Molecular Weight	~76 kDa
NCBI Official Full Name	Homo sapiens lysine acetyltransferase 6B (KAT6B), transcript variant 1, mRNA
NCBI Official Synonym Full Names	lysine acetyltransferase 6B
NCBI Official Symbol	KAT6B
NCBI Official Synonym Symbols	qkf; MORF; MOZ2; GTPTS; MYST4; ZC2HC6B; querkopf
NCBI Protein Information	histone acetyltransferase KAT6B
UniProt Protein Name	Histone acetyltransferase KAT6B
UniProt Gene Name	KAT6B
UniProt Synonym Gene Names	KIAA0383; MORF; MOZ2; MYST4; MYST-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/kat6b-recombinant-protein-sf9-insect-cells-using-baculovirus/72999>