

Recombinant Human K(Lysine) Acetyltransferase 6B, GST-tagged

Cat. No. KAT6B-1600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KAT6B (MYST4) (657-1069; contains the catalytic domain) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	657-1069 a.a.
Description	KAT6B is the catalytic subunit of the histone acetyltransferase (HAT) elongator complex, which is ubiquitously expressed in adult human tissues. KAT6B is a 1781aa-residue protein that contains a strong transcriptional repression domain at its N terminus and a highly potent activation domain at its C terminus. 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.
Applications	Western Blot
Molecular Weight	76 kDa
Expression System	Sf9 insect cells using baculovirus.
Form	Recombinant protein stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM

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glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25% glycerol.

Purity > 95 %

Concentration 0.1 ug/ul

Sequences 657-1069; contains the catalytic domain.

Storage Store product at -70°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.

GENE INFORMATION

Gene Name [KAT6B K\(lysine\) acetyltransferase 6B \[Homo sapiens \]](#)

Official Symbol [KAT6B](#)

Synonyms KAT6B; MYST4; DKFZp313G1618; FLJ90335; MORF; MOZ2; qkf; querkopf qkf; MORF; KIAA0383; querkopf; MYST histone acetyltransferase (monocytic leukemia) 4; Histone acetyltransferase MORF; Histone acetyltransferase MOZ2; Monocytic leukemia zinc finger protein-related factorKI; MYST-4; EC2.3.1.48; histone acetyltransferase MYST4; OTTHUMP00000019869

Gene ID [23522](#)

mRNA Refseq [NM_012330](#)

Protein Refseq [NP_036462](#)

MIM [605880](#)

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UniProt ID	Q8WYB5
Chromosome Location	10q22.2
Function	DNA binding; acetyltransferase activity; histone acetyltransferase activity; metal ion binding; protein binding; transcription factor binding; zinc ion binding

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