

Recombinant Mouse K(lysine) Acetyltransferase 2B, His-tagged

Cat. No. Kat2b-177M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse K(lysine) acetyltransferase 2B produced in Sf21 was fused to a His-tag.
Species	Mouse
Source	Sf21 Cells
Description	Interacts with SIRT1. Interacts with EP300 and CREBBP. Component of a large chromatin remodeling complex, at least composed of MYSM1, KAT2B/PCAF, RBM10 and KIF11/TRIP5. Interacts with KLF1; the interaction does not acetylate KLF1 and there is no enhancement of its transactivational activity. Interacts with NFE4. Interacts with MECOM.
Concentration	0.5mg/ml.
Purity	≥95% (SDS-PAGE).
Formulation	Liquid. In 50mM TRIS-HCl, pH 7.5, containing 100mM sodium chloride, 0.2% NP-40, 50mM imidazole and 10% glycerol.
Specific Activity	100-200ng are required for standard HAT assay.
Short-term Storage	-80°C.

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Handling Avoid freeze/thaw cycles. After opening, prepare aliquots and store in liquid nitrogen.

GENE INFORMATION

Gene Name Kat2b K(lysine) acetyltransferase 2B [*Mus musculus*]

Synonyms Kat2b; K(lysine) acetyltransferase 2B; Pcaf; AI461839; AW536563; A930006P13Rik; histone acetyltransferase KAT2B; p/CAF; histone acetylase PCAF; p300/CBP-associated factor; lysine acetyltransferase 2B; histone acetyltransferase PCAF

Gene ID 18519

mRNA Refseq NM_020005

Protein Refseq NP_064389

UniProt ID Q9JHD1

Chromosome Location 17, 30 cM

Function N-acetyltransferase activity; acyltransferase activity; cyclin-dependent protein kinase inhibitor activity; histone acetyltransferase activity; lysine N-acetyltransferase activity; protein binding; protein kinase binding; transcription coactivator activity; transferase activity

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