

Active Recombinant Mouse Kat2b, His-tagged

Cat. No. Kat2b-455M Lot. No. (See product label)

SPECIFICATION

Product Overview	Mouse PCAF is fused to a His-tag.
Species	Mouse
Source	Sf21 Cells
Description	PCAF functions as a histone acetyltransferase (HAT) to promote transcriptional activation. It has significant histone acetyltransferase activity with core histones H3 and H4, and also with nucleosome core particles.
Form	Liquid. In 50mM TRIS-HCl, pH 7.5, containing 100mM sodium chloride, 50mM imidazole, 0.2% NP-40 and 10% glycerol.
Bio-activity	~100-200ng are required for standard HAT assay.
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -80°C.
Storage	Short Term Storage: -20°C; Long Term Storage: -80°C. After opening, prepare aliquots and store at -80°C. Avoid freeze/thaw cycles.
Concentration	Lot dependent (0.2-0.5mg/ml)

GENE INFORMATION

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Gene Name	Kat2b K(lysine) acetyltransferase 2B [Mus musculus]
Official Symbol	Kat2b
Synonyms	KAT2B; K(lysine) acetyltransferase 2B; histone acetyltransferase KAT2B; histone acetylase PCAF; p300/CBP-associated factor; lysine acetyltransferase 2B; histone acetyltransferase PCAF; Pcaf; p/CAF; AI461839; AW536563; A930006P13Rik;
Gene ID	18519
mRNA Refseq	NM_001190846
Protein Refseq	NP_001177775
Pathway	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; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem;
Function	N-acetyltransferase activity; acetyltransferase activity; cyclin-dependent protein kinase inhibitor activity; histone acetyltransferase activity; histone deacetylase binding; lysine N-acetyltransferase activity; lysine N-acetyltransferase activity; protein binding; protein kinase binding; transcription coactivator activity; transcription coactivator activity; transcription cofactor activity; transcription factor binding; transferase activity; transferase activity, transferring acyl groups;

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