

## Recombinant Histone acetyltransferase KAT2B(KAT2B)

Catalog No.: TP11658

100µg

### Sequence Information

**Species:** Human

**Gene ID:**8850

**Swiss Prot:**Q92831

**Synonyms:** PCAF; P/CAF; GCN5; GCN5L;  
P300/CBP-Associated Factor; Histone  
acetyltransferase PCAF; Lysine  
acetyltransferase 2B

**Residues:**Met1-Lys832

MSEAGGAGPGGCGAGAGAGAGPGALPPQPAALPPAPPQGSPCAAAAGGSGACGP  
ATAVAAAGTAEGPGGGGSARIAVKKAQLRSAPRAKKLEKLGVSACKAEESCKC  
NGWKNPNPSPTPPRADLQQIIIVSLTESCRSCSHALAAHVSHLENVSEEMNRLL  
GIVLDVEYLFCTCVHKEEDADTKQVYFYLFKLLRKSILQRGKPVVEGSLEKKPPF  
EKPSIEQGVNNFVQYKFSHLPAPERQTIVELAKMFLNRINYWHLEAPSQRRLRS  
PNDDISGYKENYTRWLCYCNVPQFCDSLPRYETTQVFGRTLRSVFTVMRRQLL  
EQARQEKDKLPLEKRTLILTHFPKFLSMLEEEVYSQNSPIWDQDFLSASSRTSQ  
LGIQTVINPPPVAGTISYNSTSSSLEQPNAGSSSPACKASSGLEANPGEKRKMT  
DSHVLEEAKKPRVMGDIPMELINEVMSTITDPAAMLGPETNFLSAHSARDEAAR  
LEERRGVIEFHVVGNSLNQKPNKKILMWLVGLQNVFSHQLPRMPKEYITRLVFD  
PKHKTALAIKGRVIGGICFRMFPSQGFEIVFCAVTSNEQVKGYGTHLMNHLK  
EYHIKHDILNFLTAYADEYAIGYFKKQGFSSKEIKIPKTKYVGYIKDYEGATLMGC  
ELNPRIPYTEFSVIKKQKEIKKLIERKQAQIRKVYPGLSCFKDGVQRQIPIES  
IPGIRETGWKPSGKEKSKEPRDPDQLYSTLKSILQQVKSHQSAWPFMEPVK RTE  
APGYEVIRFPMDLKTMSERLKNRYYSKKLFMADLQRVFTNCKEYNPPESEYY  
KCANILEKFFFSKIKEAGLIDK

### Product Information

**Source:** Recombinant expression.

**Host:** *E.coli*

**Tags:** N-terminal His Tag

**Subcellular Location:** Cytoplasm.

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 9.4

**Predicted Molecular Mass:** 96.4kDa

**Accurate Molecular Mass:** 96kDa as determined by SDS-PAGE reducing conditions.

## [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

## [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]

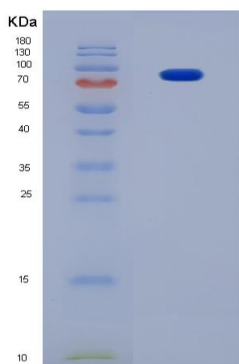


Figure 1. SDS-PAGE

## [ IMPORTANT NOTE ]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

