

Active Recombinant Full Length Human KAT7 Protein, Flag tagged

Cat. No. KAT7-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length recombinant KAT7 protein (accession number NP_001186084.1) was expressed in Sf9 cells and contains an N-terminal Flag tag.
Species	Human
Source	Insect Cells
Description	KAT7 (K(Lysine) Acetyltransferase 7) is a MYST-family histone acetyltransferase (HAT) that forms a complex with ING4/5, JADE1/2/3, and Eaf6, which is found enriched on coding regions of genes, supporting a role in transcriptional elongation. In addition, KAT7 is thought to participate in events controlling the initiation of DNA replication.
Molecular Mass	67.2 kDa
Purity	≥ 95%
Application	Suitable for use in enzyme kinetics, inhibitor screening, and selectivity profiling.
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 centigrade to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Storage Buffer	25 mM HEPES-NaOH pH 7.5, 300 mM NaCl, 10% glycerol, 0.04% Triton X-100, 0.5

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mM TCEP.

Concentration 0.4 µg/µL

GENE INFORMATION

Gene Name KAT7 lysine acetyltransferase 7 [Homo sapiens (human)]

Official Symbol KAT7

Synonyms KAT7; K(lysine) acetyltransferase 7; MYST histone acetyltransferase 2 , MYST2; histone acetyltransferase KAT7; HBO1; HBOA; histone acetyltransferase binding to ORC1; MYST-2; lysine acetyltransferase 7; histone acetyltransferase MYST2; MYST histone acetyltransferase 2; MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2; MYST2

Gene ID 11143

mRNA Refseq NM_001199155

Protein Refseq NP_001186084

MIM 609880

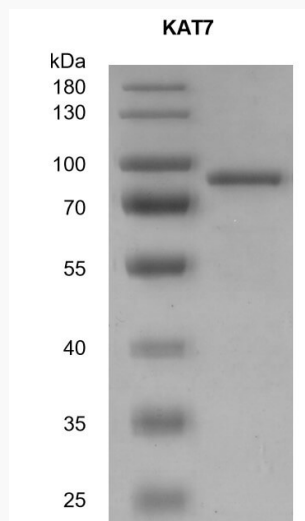
UniProt ID O95251

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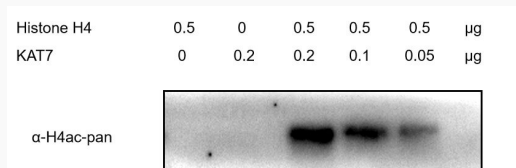
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SDS-PAGE



Western Blot



Recombinant KAT7 protein activity assay