

Recombinant Human KAT8 cell lysate

Cat. No. KAT8-1162HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	The MYST family of histone acetyltransferases, which includes MYST1, is named for the founding members MOZ (MYST3; MIM 601408), yeast YBF2 and SAS2, and TIP60 (HTATIP; MIM 601409). All members of this family contain a MYST region of about 240 amino acids with a canonical acetyl-CoA-binding site and a C2HC-type zinc finger motif. Most MYST proteins also have a chromodomain involved in protein-protein interactions and targeting transcriptional regulators to chromatin (Neal et al., 2000 [PubMed 10786633]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	KAT8 K(lysine) acetyltransferase 8 [Homo sapiens]
Official Symbol	KAT8
Synonyms	KAT8; K(lysine) acetyltransferase 8; MYST histone acetyltransferase 1 , MYST1; histone acetyltransferase KAT8; FLJ14040; hMOF; MOF; MYST-1; lysine

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acetyltransferase 8; histone acetyltransferase MYST1; MYST histone acetyltransferase 1; MOZ, YBF2/SAS3, SAS2 and TIP60 protein 1; probable histone acetyltransferase MYST1; ortholog of Drosophila males absent on the first (MOF); MYST1;

Gene ID [84148](#)

mRNA Refseq [NM_032188](#)

Protein Refseq [NP_115564](#)

MIM [609912](#)

UniProt ID [Q9H7Z6](#)

Chromosome Location 16p11.1

Pathway p53 pathway, organism-specific biosystem;

Function acetyltransferase activity; histone acetyltransferase activity; contributes_to histone acetyltransferase activity (H4-K16 specific); contributes_to histone acetyltransferase activity (H4-K5 specific); contributes_to histone acetyltransferase activity (H4-K8 specific); metal ion binding; methylated histone residue binding; protein binding; transcription factor binding;

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