

Recombinant Human KAT8 Protein (M1-K458), Tag Free

Cat. No. KAT8-0524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYST1(M1-K458 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-K458
Description	Histone acetyltransferase which may be involved in transcriptional activation. May influence the function of ATM. As part of the MSL complex it is involved in acetylation of nucleosomal histone H4 producing specifically H4K16ac. As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. That activity is less specific than the one of the MSL complex. Can also acetylate TP53/p53 at 'Lys-120'.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name KAT8 K(lysine) acetyltransferase 8 [Homo sapiens (human)]

Official Symbol KAT8

Synonyms

KAT8; K(lysine) acetyltransferase 8; MYST histone acetyltransferase 1, MYST1; histone acetyltransferase KAT8; FLJ14040; hMOF; MOF; MYST-1; lysine 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

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