

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MYST1(M1-K458 end) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	M1-K458
<b>Description</b>	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'.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	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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