

Recombinant Human KAT6A Protein, His tagged

Cat. No. KAT6A-09H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Histone acetyltransferase KAT6A is produced by E.coli expression system and the target gene encoding E800-S1000 is expressed with a His tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	800-1000 aa
Description	This gene encodes a member of the MOZ, YBFR2, SAS2, TIP60 family of histone acetyltransferases. The protein is composed of a nuclear localization domain, a double C2H2 zinc finger domain that binds to acetylated histone tails, a histone acetyl-transferase domain, a glutamate/aspartate-rich region, and a serine- and methionine-rich transactivation domain. It is part of a complex that acetylates lysine-9 residues in histone 3, and in addition, it acts as a co-activator for several transcription factors. Allelic variants of this gene are associated with an autosomal dominant form of cognitive disability. Chromosomal translocations of this gene are associated with acute myeloid leukemia. Alternative splicing results in multiple transcript variants.
Form	Supplied as a 0.2 µm filtered solution of 500 mM PBS, 300 mM NaCl, 10% Glycerol, pH7.4
Storage	Store at ≤-70 centigrade, stable for 6 months after receipt.Store at ≤-70 centigrade, stable for 3 months under sterile conditions after opening.Please minimize freeze-thaw

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cycles. Stability 12 months from date of despatch.

GENE INFORMATION

Gene Name	KAT6A lysine acetyltransferase 6A [Homo sapiens (human)]
Official Symbol	KAT6A
Synonyms	KAT6A; lysine acetyltransferase 6A; MOZ; ARTHS; MRD32; MYST3; MYST-3; ZNF220; RUNXBP2; ZC2HC6A; histone acetyltransferase KAT6A; K(lysine) acetyltransferase 6A; MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3; MYST histone acetyltransferase (monocytic leukemia) 3; histone acetyltransferase MYST3; monocytic leukemia zinc finger protein; runt-related transcription factor binding protein 2; zinc finger protein 220; EC 2.3.1.48
Gene ID	7994
mRNA Refseq	NM_006766
Protein Refseq	NP_006757
MIM	601408
UniProt ID	Q92794

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