

Recombinant Human KAT6A Protein, GST-tagged

Cat. No. KAT6A-5866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYST3 partial ORF (NP_006757, 81 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2017]
Molecular Mass	36.63 kDa
AA Sequence	ALPKPRNHGKLDNKQNVWDWNKLIKRAVEGLAESGGSTLKSIERFLKGQKDVSAIFG GSAASGFHQQLRLAIKRAIGHGRLLKDGPLYRLNTKATNVDGK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

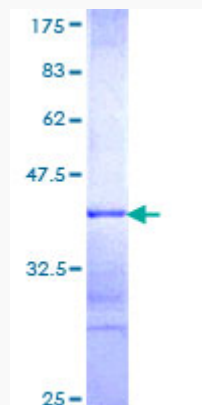
 45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	KAT6A lysine acetyltransferase 6A [Homo sapiens (human)]
Official Symbol	KAT6A
Synonyms	KAT6A; lysine acetyltransferase 6A; MOZ; 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_001305878
Protein Refseq	NP_001292807
MIM	601408
UniProt ID	Q92794

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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