

Recombinant Human KAT6B Protein, GST-tagged

Cat. No. KAT6B-5867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYST4 partial ORF (NP_036462, 80 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a histone acetyltransferase and component of the MOZ/MORF protein complex. In addition to its acetyltransferase activity, the encoded protein has transcriptional activation activity in its N-terminal end and transcriptional repression activity in its C-terminal end. This protein is necessary for RUNX2-dependent transcriptional activation and could be involved in brain development. Mutations have been found in patients with genitopatellar syndrome. A translocation of this gene and the CREBBP gene results in acute myeloid leukemias. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]
Molecular Mass	35.97 kDa
AA Sequence	FSSVKPGTFPKSAKGSRGSCNDLRNVDWNKLLRRAIEGLEEPNGSSLKNIEKYLR QSDLTSTTNPAFQQRLRLGAKRAVNNGRLLKDGPQY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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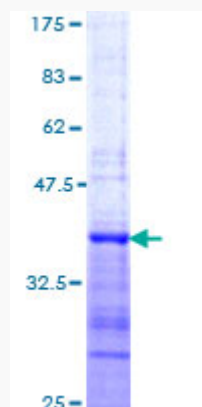
 45-1 Ramsey Road, Shirley, NY 11967, USA

	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	KAT6B lysine acetyltransferase 6B [Homo sapiens (human)]
Official Symbol	KAT6B
Synonyms	KAT6B; lysine acetyltransferase 6B; qkf; MORF; MOZ2; GTPTS; MYST4; ZC2HC6B; querkopf; histone acetyltransferase KAT6B; K(lysine) acetyltransferase 6B; MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4; MOZ-related factor; MYST histone acetyltransferase (monocytic leukemia) 4; MYST-4; histone acetyltransferase MORF; histone acetyltransferase MOZ2; histone acetyltransferase MYST4; monocytic leukemia zinc finger protein-related factor; EC 2.3.1.48
Gene ID	23522
mRNA Refseq	NM_001256468
Protein Refseq	NP_001243397
MIM	605880
UniProt ID	Q8WYB5

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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