Recombinant Full Length Human KAT7 Protein, GST-tagged

Cat. No. KAT7-6627HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYST2 full-length ORF (NP_008998.1, 1 a.a. - 611 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	611 amino acids
Description	The protein encoded by this gene is part of the multimeric HBO1 complex, which possesses histone H4-specific acetyltransferase activity. This activity is required for functional replication origins and is involved in transcriptional activation of some genes. In both cases, the acetylation of histone H4 helps unfold chromatin so that the DNA can be accessed and replicated or transcribed. [provided by RefSeq, Oct 2016]
Molecular Mass	36.41 kDa
AA Sequence	SDLGLISYRSYWKEVLLRYLHNFQGKEISIKEISQETAVNPVDIVSTLQALQMLKYWK GKHLVLKRQDLIDEWIAKEAKRSNSNKTMDPSCLKWTPPKGT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	KAT7 lysine acetyltransferase 7 [Homo sapiens (human)]
Official Symbol	KAT7
Synonyms	KAT7; lysine acetyltransferase 7; HBO1; HBOA; MYST2; ZC2HC7; histone acetyltransferase KAT7; K(lysine) acetyltransferase 7; MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2; MYST histone acetyltransferase 2; histone acetyltransferase MYST2; histone acetyltransferase binding to ORC1; EC 2.3.1.48
Gene ID	11143
mRNA Refseq	NM_001199155
Protein Refseq	NP_001186084
MIM	609880
UniProt ID	O95251

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