

Recombinant Human SETD6 protein, GST-tagged

Cat. No. SETD6-261H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SETD6(1-473 aa) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-473 a.a.
Description	SETD6 is a SET-domain containing protein lysine methyltransferase, catalyzing the mono-methylation of RelA (p65, NFkB3) at lysine 310. Methylation of RelA attenuates RelA-dependant transcriptional pathways, including inflammatory responses in primary immune cells. SETD6 is downregulated in a diseases of hyper inflammation.
Form	100 mM Tris pH 8.0, 10mM glutathione and 25% glycerol.
Molecular Mass	72 kDa
Applications	Recombinant SETD6, human is useful for RelA/p65 methylation experiments, enzyme kinetics and inhibitor screening. Use of 2-5 g SETD6 per reaction with 1 g recombinant RelA as a substrate is recommended.
Storage	Stable for six months at -80 centigrade from date of receipt. For best results, aliquot and avoid multiple freeze/thaws.

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Concentration 2.2 g/μ

GENE INFORMATION

Gene Name SETD6 SET domain containing 6 [Homo sapiens]

Official Symbol SETD6

Synonyms SETD6; SET domain containing 6; N-lysine methyltransferase SETD6; FLJ21148; SET domain-containing protein 6;

Gene ID 79918

mRNA Refseq NM_001160305

Protein Refseq NP_001153777

UniProt ID Q8TBK2

Chromosome Location 16q21

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