

Active Recombinant Human SETD6 protein, GST-tagged

Cat. No. SETD6-200H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SETD6 fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	SET domain-containing protein 6 (SETD6) is a mono-methyltransferase that has been shown to methylate RelA of NF-kappa-B complex and thus attenuate NF-kappa-B transcription factor activity. In addition, it monomethylates the histone H2A variant H2AZ which is required for the maintenance of embryonic stem cell self-renewal.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	380 nmol/min/mg
Molecular Mass	75 kDa
Purity	>80%
Applications	Methyltransferase Assay
Stability	1 year at -70 centigrade from the date of shipment

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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1µg/µl
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
Function	NF-kappaB binding; methyltransferase activity; protein binding; protein-lysine N-methyltransferase activity; transferase activity;

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