

## Recombinant Mouse Setd6 Protein, Myc/DDK-tagged

Cat. No. Setd6-5800M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length SET domain containing 6 (Setd6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Protein-lysine N-methyltransferase. Monomethylates 'Lys-310' of the RELA subunit of NF-kappa-B complex, leading to down-regulate NF-kappa-B transcription factor activity. Monomethylates 'Lys-8' of H2AZ (H2AZK8me1). Required for the maintenance of embryonic stem cell self-renewal.
<b>Molecular Mass</b>	53.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Setd6 SET domain containing 6 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Setd6
<b>Synonyms</b>	SETD6; SET domain containing 6; N-lysine methyltransferase SETD6; SET domain-containing protein 6; C76402; AI413388; 0610039J04Rik; 3110004G14Rik
<b>Gene ID</b>	66083
<b>mRNA Refseq</b>	NM_001035123
<b>Protein Refseq</b>	NP_001030295
<b>UniProt ID</b>	Q9CWY3

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