

## 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

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

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