

Recombinant Mouse Setmar Protein, Myc/DDK-tagged

Cat. No. Setmar-5803M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SET domain without mariner transposase fusion (Setmar), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a histone-lysine N-methyltransferase that may be involved in the methylation of histone H3. In anthropoid primates this gene is a fusion gene of a SET histone-lysine N-methyltransferase and a mariner (MAR) family transposase. In all other species this gene contains only the SET domain.
Molecular Mass	34.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Setmar SET domain without mariner transposase fusion [Mus musculus (house mouse)]
Official Symbol	Setmar
Synonyms	Setmar; SET domain without mariner transposase fusion; Etet2; 5830404F24Rik; histone-lysine N-methyltransferase SETMAR; SET domain and mariner transposase fusion gene-containing protein homolog; SET domain without mariner transposase fusion protein; epidermal tumor expressed transcript 2; EC 2.1.1.357
Gene ID	74729
mRNA Refseq	NM_178391
Protein Refseq	NP_848478
UniProt ID	Q80UJ9

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