

Recombinant Mouse Mettl8 Protein, Myc/DDK-tagged

Cat. No. Mettl8-4051M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length methyltransferase like 8 (Mettl8), transcript variant a, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This locus encodes a member of the methyltransferase family, and is involved in chromatin remodeling. Transcripts from this locus can be induced or inhibited by cell stretch and affect cell differentiation in the myogenic or adipogenic pathways. Multiple transcript variants encoding different isoforms have been found for this gene. Additional splice variants have been described in the literature but they meet nonsense-mediated decay (NMD) criteria and are likely to be degraded as soon as they are transcribed.
Molecular Mass	28.6 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Mettl8 methyltransferase like 8 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Mettl8](#)

Synonyms Mettl8; methyltransferase like 8; T; Tip; BC004636; mRNA N(3)-methylcytidine methyltransferase METTL8; methyltransferase-like protein 8; tension induced/inhibited protein; EC 2.1.1.-

Gene ID [228019](#)

mRNA Refseq [NM_145524](#)

Protein Refseq [NP_663499](#)

UniProt ID [A2AUU0](#)

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