

Recombinant Mouse Tpm1 Protein, Myc/DDK-tagged

Cat. No. Tpm1-6602M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thiopurine methyltransferase (Tpm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the S-methylation of thiopurine drugs such as 6-mercaptopurine.
Molecular Mass	27.6 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Tpm1 thiopurine methyltransferase [Mus musculus (house mouse)]
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Official Symbol	Tpmt
Synonyms	TPMT; thiopurine methyltransferase; thiopurine S-methyltransferase; AW106912
Gene ID	22017
mRNA Refseq	NM_016785
Protein Refseq	NP_058065
UniProt ID	O55060

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