

Recombinant Mouse Inmt Protein, Myc/DDK-tagged

Cat. No. Inmt-3541M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length indolethylamine N-methyltransferase (Inmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the N-methylation of tryptamine and structurally related compounds. Functions as thioether S-methyltransferase and is active with a variety of thioethers and the corresponding selenium and tellurium compounds, including 3-methylthiopropionaldehyde, dimethyl selenide, dimethyl telluride, 2-methylthioethylamine, 2-methylthioethanol, methyl-n-propyl sulfide and diethyl sulfide. Plays an important role in the detoxification of selenium compounds.
Molecular Mass	29.5 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 [Inmt indolethylamine N-methyltransferase \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Inmt](#)

Synonyms INMT; indolethylamine N-methyltransferase; amine N-methyltransferase; nicotine N-methyltransferase; arylamine N-methyltransferase; thioether S-methyltransferase; indolamine N-methyltransferase; aromatic alkylamine N-methyltransferase; Temt

Gene ID [21743](#)

mRNA Refseq [NM_009349](#)

Protein Refseq [NP_033375](#)

UniProt ID [P40936](#)

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