

Recombinant Rat INMT Protein, His-tagged

Cat. No. INMT-104R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat INMT Protein, fused to His-tag, was expressed in E.coli.
Species	Rat
Source	E.coli
Description	Predicted to enable N-methyltransferase activity; amine N-methyltransferase activity; and thioether S-methyltransferase activity. Predicted to be involved in amine metabolic process and methylation. Predicted to be active in cytosol. Orthologous to human INMT (indolethylamine N-methyltransferase).
Form	50mM Tris 300mM NaCl, pH 8.0.
Molecular Mass	31.7 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMAGKVYMGGEDYEKEFTPKDYLTTFYSFDSGTVAE QEIVKFSLQNLQYQTFSTGGVGGDVLIDIGSGPTIYQLLSACEVFREIIATDYTPQNLQE LQKWLKKEPGAYDWSSIVQHVCLEGGDRSRWQEKEAKLRRTVTRVLRCDVTKTPP LGSAQVPLADCVLTFLAMECACPDVDTYRAALRRLAGLLKPGGHLVTLVTLRFQHY MVGPKKFSGVYLEKETVEKAIQDAGFQVLRNCVSLSYSEAYCVNDGLYFVVARKG PSA
Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.6 mg/ml

GENE INFORMATION

Gene Name *Inmt* indolethylamine N-methyltransferase [*Rattus norvegicus* (Norway rat)]

Official Symbol *INMT*

Synonyms TEMT

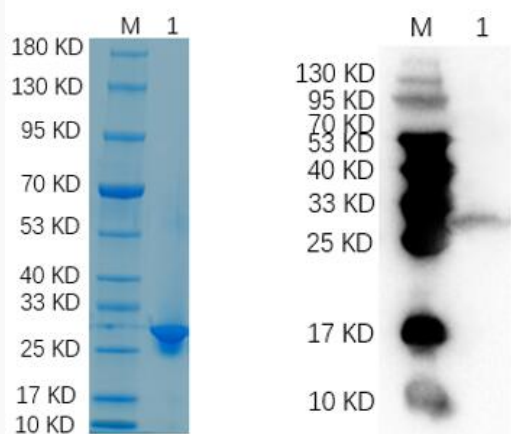
Gene ID 368066

mRNA Refseq NM_001109022

Protein Refseq NP_001102492

UniProt ID D3ZNJ5

SDS-PAGE



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Reducing 12% SDS-PAGE and WB analysis profile of purified Rat INMT.