

Recombinant Rabbit INMT Protein, His-tagged

Cat. No. INMT-99R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit INMT Protein, fused to His-tag, was expressed in E. coli.
Species	Rabbit
Source	E.coli
ProteinLength	1-208 aa
Description	N-methylation of endogenous and xenobiotic compounds is a major method by which they are degraded. This gene encodes an enzyme that N-methylates indoles such as tryptamine. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream MINDY4 (aka FAM188B) gene. In rodents and other mammals such as cetartiodactyla this gene is in the opposite orientation compared to its orientation in human and other primates and this gene appears to have been lost in carnivora and chiroptera.
Form	50mM Tris 300mM NaCl, pH 8.0.
Molecular Mass	31.1 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMEGGFTGGDEYQKHFLPRDYLNTYYSFQSGPSPE AEMLKFNLECLHKTFGPGLQGDTLIDIGSGPTIYQVLAACESFKDITLSDFTDRNRE ELAKWLKKEPGAYDWTPLKFACELEGNSGRWQEKAELRATVKRVLKCDANLSN PLTPVVLPPADCVLTLLAMECACCSLDAYRAALRNLASLLKPGGHLVTTVTLQLSSY MVGREFSCVALEKEEVEQAVLDAGFDIEQLLYSPQSYSASTAPNRGVCFLVARKK

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	PGS
Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.6 mg/ml

GENE INFORMATION

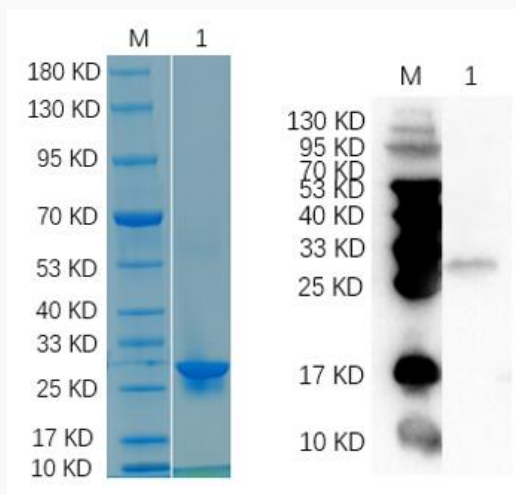
Gene Name	INMT indolethylamine N-methyltransferase [<i>Oryctolagus cuniculus</i> (rabbit)]
Official Symbol	INMT
Synonyms	TEMT
Gene ID	100008695
mRNA Refseq	NM_001082043
Protein Refseq	NP_001075512
UniProt ID	O97972

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SDS-PAGE



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

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