

Recombinant Human INMT protein, GST-tagged

Cat. No. INMT-3771H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INMT protein(67-263 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	67-263 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	TIYQVLAACDSFQDITLSDFDTRNREELEKWLKKEPGAYDWTPAVKFACELEGNSG RWEEKEEKLRAAVKRVLKCDVHLGNPLAPAVLPLADCVLTLLAMECACCSLDAYRA ALCNLASLLKPGGHLVTTVTLRPLPSYVVGKREFSCVALEKEEVEQAVLDAGFDIEQLL HSPQSYSVTNAANNGVCCIVARKKPGP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	INMT indolethylamine N-methyltransferase [Homo sapiens]
Official Symbol	INMT
Synonyms	INMT; indolethylamine N-methyltransferase; amine N-methyltransferase; nicotine N-methyltransferase; arylamine N-methyltransferase; indolamine N-methyltransferase; aromatic alkylamine N-methyltransferase; MGC125940; MGC125941;
Gene ID	11185
mRNA Refseq	NM_001199219
Protein Refseq	NP_001186148
MIM	604854
UniProt ID	O95050

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