Recombinant Human INMT Protein (1-263 aa), His-SUMO-tagged

Cat. No. INMT-584H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INMT Protein (1-263 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-263 aa
Description	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 . Catalyzes the N-methylation of tryptamine and structurally related compounds.1 Publication.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	44.9 kDa
AA Sequence	MKGGFTGGDEYQKHFLPRDYLATYYSFDGSPSPEAEMLKFNLECLHKTFGPGGLQ GDTLIDIGSGPTIYQVLAACDSFQDITLSDFTDRNREELEKWLKKEPGAYDWTPAVKF ACELEGNSGRWEEKEEKLRAAVKRVLKCDVHLGNPLAPAVLPLADCVLTLLAMECA

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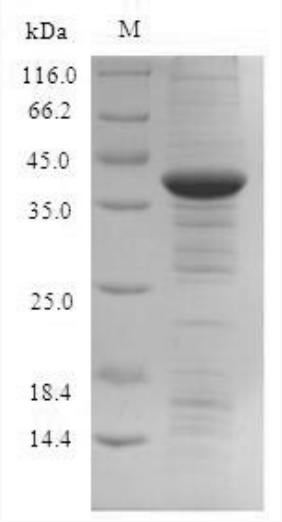
	CCSLDAYRAALCNLASLLKPGGHLVTTVTLRLPSYMVGKREFSCVALEKEEVEQAVL DAGFDIEQLLHSPQSYSVTNAANNGVCFIVARKKPGP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	INMT indolethylamine N-methyltransferase [Homo sapiens]
Official Symbol	INMT
Synonyms	INMT; MGC125940; MGC125941;
Gene ID	11185
mRNA Refseq	NM_001199219
Protein Refseq	NP_001186148
MIM	604854

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UniProt ID	O95050



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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