Recombinant Human ICMT protein, His-tagged

Cat. No. ICMT-3832H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICMT protein(87-213 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	87-213 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	QSSWSHFGWYMCSLSLFHYSEYLVTAVNNPKSLSLDSFLLNHSLEYTVAALSSWLE FTLENIFWPELKQITWLSVTGLLMVVFGECLRKAAMFTAGSNFNHVVQNEKSDTHTL VTSGVYAWFRHPSY
Purity	85%, 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.
Reconstitution	Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage.

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	Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ICMT isoprenylcysteine carboxyl methyltransferase [Homo sapiens]
Official Symbol	ICMT
Synonyms	ICMT; isoprenylcysteine carboxyl methyltransferase; protein-S-isoprenylcysteine O-methyltransferase; HSTE14; PCCMT; PPMT; protein S isoprenylcysteine O methyltransferase; prenylcysteine carboxyl methyltransferase; prenylated protein carboxyl methyltransferase; protein-S isoprenylcysteine O-methyltransferase; PCMT; MST098; MSTP098; MGC39955;
Gene ID	23463
mRNA Refseq	NM_012405
Protein Refseq	NP_036537
MIM	605851
UniProt ID	O60725

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