



Recombinant Human Indolethylamine N-methyltransferase (INMT)

Product Code	CSB-EP011723HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95050
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MKGGFTGGDE YQKHFLPRDY LATYYSF DGS PSPEAEMLKF NLECLHKTFG PGGLQGDTLI DIGSGPTIYQ VLAACDSFQD ITLSDFTRN REELEKWLKK EPGAYDWTPA VKFACELEGN SGRWEEKEEK LRAAVKRVLK CDVHLGNPLA PAVLPLADCV LTLLAMECAC CSLDAYRAAL CNLASLLKPG GHLVTTVTLR LPSYMGVKRE FSCVALEKEE VEQAVLDAGF DIEQLLHSPQ SYSVTNAANN GVCFIVARKK PGP
Source	E.coli
Target Names	INMT
Protein Names	Recommended name: Indolethylamine N-methyltransferase Short name= Indolamine N-methyltransferase EC= 2.1.1.49 Alternative name(s): Aromatic alkylamine N-methyltransferase Short name= Amine N-methyltransferase Short name=
Expression Region	1-263
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.