

Recombinant Full Length Methanosarcina Mazei Tetrahydromethanopterin S-Methyltransferase Subunit E(Mtre) Protein, His-Tagged

Cat. No. RFL20571MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Methanosarcina mazei Tetrahydromethanopterin S-methyltransferase subunit E(mtrE) Protein (P80651) (1-304aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Methanosarcina mazei
Source	E.coli
ProteinLength	Full Length (1-304)
Form	Lyophilized powder
AA Sequence	MEPLIGMGVLAALIGVAATIAGASEDLESDIGSQSNPNSQVQLAPQMMFPHRIFNKAIS GE PPSNALMCSIGAAIATVLISEFTVSPLFALVFGSVIAASVHATFAVTATMGRCASQ SRFK QPIYLDMIRSHTPAIMGYAFITTCVLIVSYLMTVVLGHPFPLTMLAFIWGITIGAI GSS TGDVHYGAEREFQQFEFGSGLNASNSGNIVRYAESGLRNGFDNSWFCCKFG GPTTGIAFG MTVFLGSWITTIFDPAQGLSMGWLSVIAGVIVLILIIWNWKIEVQARKAY GPYKEDKAE EASA
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	mtrE
Synonyms	mtrE; MM_1547; Tetrahydromethanopterin S-methyltransferase subunit E; N5-methyltetrahydromethanopterin--coenzyme M methyltransferase subunit E
UniProt ID	P80651

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