



Recombinant Methanothermobacter marburgensis 5,10-methylenetetrahydromethanopterin reductase (mer)

Product Code	CSB-EP703506MSQ-B
Abbreviation	mer
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q50744
Product Type	Recombinant Protein
Immunogen Species	Methanothermobacter marburgensis (strain ATCC BAA-927 / DSM 2133 / JCM 14651 / NBRC 100331 / OCM 82 / Marburg) (Methanobacterium thermoautotrophicum)
Purity	>85% (SDS-PAGE)
Sequence	MKFGIEFVPN EPIEKIVKLV KLAEDVGFY AWITDHYNNK NVYETLALIA EGTETIKLGP GVTNPYVRSP AITASAIATL DELSNGRATL GIGPGDKATF DALGIEWVKP VSTIRDAIAM MRTLLAGEKT ESGAQLMGVK AVQEKIPIYM GAQGPMLKT AGEISDGALI NASNPKDFEA AVPLIKEGAE AAGKSIADID VAAYTCCSID EDAAAAANAA KIVVAFIAAG SPPPVFERHG LPADTGKKFG ELLGKGDFFG AIGAVDDALM EAFSVVGTDP EFIPKIEALG EMGVTQYVAG SPIGPDKEKS IKLLGEVIAS F
Source	E.coli
Target Names	mer
Protein Names	Recommended name: 5,10-methylenetetrahydromethanopterin reductase EC=1.5.99.11 Alternative name(s): Coenzyme F420-dependent N(5),N(10)-methylenetetrahydromethanopterin reductase Methylene-H(4)MPT reductase
Expression Region	1-321
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
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

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