Recombinant 5,10-methylenetetrahydromethanopterin reductase (mer)

Product Code	CSB-YP891688MNAF
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.	Q9UXP0
Product Type	Recombinant Protein
Immunogen Species	Methanolobus tindarius
Purity	>85% (SDS-PAGE)
Sequence	MTFGIEFVPS DPVLKIAHYA KLAEQQGFDN VWITDHYNNR DVYSTLTVLA MNTNSIKLGT GVTNPYTRNA AITASSIGSL NEISGGRAIL GLGPGEQATF DAMGISWEQP LTTTKESIAA IRGFLAGEKV TMDGDMIKFG GAKMAFKAGD VPIYMGAQGP KMLELAGEVS DGVLINASHP KDFEVAVKQI AAGAKKAGRD PKEVDVAAYA CFSIDKDAAK AKSAAQIVVA FIVAGSPDMV LERHGIDPAA KADIGGAIAK GDFGALMGGM VTDSMMDAFS ICGTPDDCKA RINELLDIGV TQIVAGSPIG PNKEKAIKLI GKEIIG
Source	Yeast
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	1-326
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	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.