



Recombinant Mycobacterium tuberculosis Mycothione reductase (mtr)

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| Product Code | CSB-EP517031MVZ-B |
| 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. | P9WHH2 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh) |
| Purity | >85% (SDS-PAGE) |
| Sequence | METYDIAIIG TSGNSILDE RYASKRAAIC EQGTFGGTCL NVGCIPTKMF VYAAEVAKTI RGASRYGIDA HIDRVRWDDV VSRVFGRIDP IALSGEDYRR CAPNIDVYRT HTRFGPVQAD GRYLLRTDAG EEFTAQVVI AAGSRPVIPP AILASGVYDH TSDTVMRIAE LPEHIVIVGS GFIAAEFAHV FSALGVRVTL VIRGSCLLRH CDDTICERFT RIASTKWELR THRNVDGQQ RGSVALRLD DGCTINADLL LVATGRVSNA DLLDAEQAGV DVEDGRVIVD EYQRTSARGV FALGDVSSPY LLKHVANHEA RVVQHNLLCD WEDTQSMIVT DHRYVPAAVF TDPQIAAVGL TENQAVAKGL DISVKIQDYG DVAYGWAMED TSGIVKLITE RGSGRLLGAH IMGYQASSLI QPLIQAMSFG LTAAEMARGQ YWIHPALPEV VENALLGLR |
| Source | E.coli |
| Target Names | mtr |
| Protein Names | Recommended name: Mycothione reductase EC= 1.8.1.15 Alternative name(s): Mycothiol-disulfide reductase NADPH-dependent mycothione reductase |
| Expression Region | 1-459 |
| 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. |
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