



Recombinant Mycobacterium tuberculosis Mycothione reductase (mtr)

Product Code	CSB-EP517031MVZ
Relevance	Catalyzes the NAD(P)H-dependent reduction of mycothione (the oxidized disulfide form of mycothiol) to mycothiol.
Abbreviation	Recombinant Mycobacterium tuberculosis mtr protein
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	Greater than 85% as determined by SDS-PAGE.
Sequence	METYDIAIIGTGSGNSILDERYASKRAAICEQGTFGGTCLNVGCIPTKMFVYAAE VAKTIRGASRYGIDAHIDRVRWDDVVS RVFGRIDPIALSGEDYRRCAPNIDVYR THTRFGPVQADGRYLLRTDAGEEFTAEQV VVIAAGSRPVIPPAILASGVDYHTSD TVMRIAELPEHIVIVGSGFIAAEFAHVFSALGVRVTLVIRGSCLLRHCDTICERF TRIASTKWELRTHRNVDGQQRGS GVALRLDDGCTINADLLL VATGRVSNADL LDAEQAGVDVEDGRVIVDEYQRTSARGVFALGDVSSPYLLKHVANHEARVVQ HNLLCDWEDTQSMIVTDHRYVPAAVFTDPQIAAVGLTENQAVAKGLDISVKIQD YGDVAYGWAMEDTSGIVKLITERGSGRLLGAHIMGYQASSLIQPLIQAMSFGLT AAEMARGQYWIHPALPEVVENALLGLR
Research Area	others
Source	E.coli
Target Names	mtr
Protein Names	Mycothiol-disulfide reductase NADPH-dependent mycothione reductase
Expression Region	1-459aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	69.9kDa
Protein Length	Full Length
Image	

