



# Recombinant S- (hydroxymethyl)glutathione dehydrogenase (frmA)

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| <b>Product Code</b>      | CSB-MP816584EGX  |
| <b>Abbreviation</b>      | frmA   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q8FKG1   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MKSRAAVAFA PGKPLEIVEI DVAPPKKGEV LIKVHTHTGVC HTDAFTLSGD<br>DPEGVFPVVL GHEGAGVVVE VGEGVTSVKP GDHVIPLYTE XCGECEFCRS<br>GKTNLCVAVR ETQGKGLMPD GTTRFSYNGQ PLYHYMGCST FSEYTVVAEV<br>SLAKINPEAN HEHVCLLGCG VTTGIGAVHN TAKVQPGDSV AVFGLGAIGL<br>AVVQGARQAK AGRIIAIDTN PKKFELARRF GATDCINPND YDKPIKDVL<br>DINKWGIDHT FECIGNVNM RAALESAHRG WGQSVIIGVA GSGQEISTRP<br>FQLVTGRVWK GSAFGGVKGR SQLPGMVEDA MKGDIDLEPF VTHTMLDEI<br>NDAFDLMHEG KSIRTVIRY |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | frmA   |
| <b>Protein Names</b>     | Recommended name: S-(hydroxymethyl)glutathione dehydrogenase EC= 1.1.1.284 Alternative name(s): Alcohol dehydrogenase class-3 EC= 1.1.1.1 Alcohol dehydrogenase class-III Glutathione-dependent formaldehyde dehydrogenase Sh  |
| <b>Expression Region</b> | 1-369  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | 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.                              |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.