



Recombinant Rhodococcus sp. F420-dependent glucose-6-phosphate dehydrogenase 1 (fgd1)

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|--------------------------|---|
| Product Code | CSB-EP606747RLO-B |
| Abbreviation | fgd1 |
| 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. | Q0RVH7 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rhodococcus jostii (strain RHA1) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MVIKFGYKAS AEQFGPRELV ELGVLAEAHG MDSATVSDHF QPWRHEGGHA PFLAWMTAV GERTSRLQLG TSVMTPTFRY NPAVVAQAF A TMGCLYPGRI MLGVGTGEAL NEIATGFAGE WPEFKERFAR LREAVALMRE LWLGDRVDFE GNYYKTVGAS IYDVPEGGIP VYIAAGGPVV ARYAGRSGDG FICTSGKGM E LYTEKLMPAV AEGA EKADR D VAEIDKMIEI KISYD TDPEL ALENTRFWAP LSLTPEQKHS IDDP IEMER A ADALPIEQVA KRWIVASDPD EAVAQIRPYL DAGLNHLVFH APGHDQKRFL ELFQRDLAPR LRGLA |
| Source | E.coli |
| Target Names | fgd1 |
| Protein Names | Recommended name: F420-dependent glucose-6-phosphate dehydrogenase 1 Short name= FGD 1 Short name= G6PD 1 EC= 1.1.98.2 |
| Expression Region | 1-335 |
| 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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