



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

Product Code	CSB-MP606747RLO
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 IEMERA ADALPIEQVA KRWIVASDPD EAVAQIRPYL DAGLNHLVFH APGHDQKRFL ELFQRDLAPR LRGLA
Source	Mammalian cell
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.
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.