



Recombinant Escherichia coli Glucose-6-phosphate 1-dehydrogenase (zwf)

Product Code	CSB-YP359721ENV
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.	P0AC53
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MAVTQTAQAC DLVIFGAKGD LARRKLLPSL YQLEKAGQLN PDTRIIGVGR ADWDKAAAYTK VVREALETFM KETIDEGLWD TLSARLDFCN LDVNDTAAFS RLGAMLDQKN RITINYFAMP PSTFGAICKG LGEAKLNAKP ARVVMKPLG TSLATSQEIN DQVGEYFECC QVYRIDHYLG KETVLNLLAL RFANSLFVNN WDNRTIDHVE ITVAEEVGIE GRWGYFDKAG QMRDMIQNHLLQILCMIAMS PPSDLSADSI RDEKVKVLKS LRRIDRSNVR EKTVRGQYTA GFAQGGKVP YLEEEGANKS SNTETFVAIR VDIVDNRWAG VPFYLRGTGR LPTKCESEVV YFKTPELNLF KESWQDLPQN KLTIRLQPE GVDIQLNKV PGLDHKHNLQ ITKLDLSYSE TFNQTHLADA YERLLLETMR GIQALFVRRD EEEEEAWKWD SITEAWAMDN DAPKPYQAGT WGPVASVAMI TRDGRSWNEF E
Source	Yeast
Target Names	zwf
Protein Names	Recommended name: Glucose-6-phosphate 1-dehydrogenase Short name= G6PD EC= 1.1.1.49 Cleaved into the following chain: 1. Extracellular death factor Short name= 2. EDF
Expression Region	1-491
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	Extracellular domain
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.