



Recombinant Schizosaccharomyces pombe

Glucose-6-phosphate 1-dehydrogenase (zwf1)

Product Code	CSB-MP516848SXV
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.	O00091
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSSANLSIKE NGAMVVFGAS GDLSKKKTFP ALFSLFSEGR LPKDIRIVGY ARSKIEHEDF LDRITQNIKI DEEDSQAKEK LEEFKKRCSY YRGSYDKPED FEGLNHLCE REGDRSTHNR IFYLALPPDV FVSVATNLKK KCVPEKGIAR LVIEKPFGVD LKSAQELQSQ LAPLFDEKEI YRIDHYLGKE MVQNLVHLRF CNPVISHLWD KNSISSVQIT FKEPIGTEGR GGYFDSSTIV RDIVQNHLVQ ILTLLMETP TTFSADDLRD EKVKVLRRT R LGDLKDVLG QYVKS KD GKK PGYLDDETVP KGSRCPTYSA IPCFIDTERW RGVPFLLKAG KAMDIGKVEI RVQFKAAANG LFKDAYHNEL VIRVQPDEAI YFKMNIKQPG LSEAPLLTDL DLTYSRRFKN MKLHEAYEAL FLDAFAGDQS RFARIDELEC AWSLVDPLLK YMEEEKPVPE PYEYGS DGPE CLYSFLKKFG YIYDSPDYD YPVMSPSDH
Source	Mammalian cell
Target Names	zwf1
Protein Names	Recommended name: Glucose-6-phosphate 1-dehydrogenase Short name= G6PD EC= 1.1.1.49
Expression Region	1-500
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.