



Recombinant *Drosophila simulans* Glucose-6-phosphate 1-dehydrogenase (Zw)

Product Code	CSB-EP637597DMJ
Abbreviation	Zw
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.	Q24625
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila simulans</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	LWWLYRDDLL PKPTKFCGYA RSMLTTETLK EQCLPYMKVQ PHEQNKYEEF WALNDYVSGR YDGRTSFEVL NQRLEMMENK NKANRIFYLA LPPSVFEEVT VNIKQVCMSL CGWNRVIEK PFGRDDASSQ ALSDHLA GLF NEDQLYRIDH YLG
Source	E.coli
Target Names	Zw
Protein Names	Recommended name: Glucose-6-phosphate 1-dehydrogenase Short name= G6PD EC= 1.1.1.49 Alternative name(s): Zwischenferment
Expression Region	1-153
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.