





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

Relevance Catalyzes the oxidation of glucose 6-phosphate to 6-phosphogluconolactone. Abbreviation Recombinant E.coli zwf protein, partial 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. POAC53 Product Type Recombinant Protein Immunogen Species Escherichia coli (strain K12) Purity Greater than 90% as determined by SDS-PAGE. Sequence MAVTQTAQACDLVIFGAKGDLARRKLLPSLYQLEKAGQLNPDTRIIGVGRADW DKAAYTKVVREALETFMKETIDEGLWDTLSARLDFCNLDVNDTAAFSRLGAML DQKNRITINYFAMPPSTFGAICKGLGEAKLNAKPARVVMEKPLGTSLATSQEIN DQVGSYFEEQQVYRIDHYLGKETVLLLALRFANSLFVNNWDNRTIDHVEITVA EEVGIEGRWGYFDKAGQMRDMIONHLLQILCMIAMSPPSDLSADSIRDEKVKV LKSLRIDRSNVREKTVRQQYTAGFAQGKKVPGYLEEGAANKSSNTETFVAIR VDIDNWRWAGVPFYLRTGKRLPTKCSEVVVYFKTPELNLFKESWQDLPQNKL TIRLQPDEGVDIQVLNKVPGLDHKHNLQITKLDLSYSETFNQTHLADAYERLLLE TMRGIQALFVRRDEVEEAWKWVDSITEAWAMDNDAPKPYQAGTWGPVASVA MITRDGRS Research Area Others Source E.coli Target Names zwf Expression Region 1-486aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 82.0kDa Protein Length Partial		
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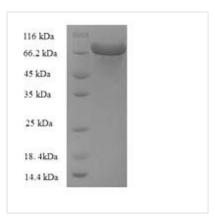


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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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