



Recombinant *Archaeoglobus fulgidus* Glycerol-1-phosphate dehydrogenase [NAD (P)+]

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| Product Code | CSB-EP518063DOC-B |
| 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. | O28599 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Archaeoglobus fulgidus</i> (strain ATCC 49558 / VC-16 / DSM 4304 / JCM 9628 / NBRC 100126) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MRFKTVDLPY HVYIGENVIS KLPKVLRLSD ANYFLLLTDE VVKNLVVVNL KETLKDFEYD MMLVESAKME EARKIVLRGG FADYDAVVG VGGKVLVDSK VVSELNASM ISVPTTASHD GIASPVASF ENGKPIST NPPSAVIADL NIIKNCPRL LRSYGDLVS NISSVKDWQL ARDLVGEDYN EVAASIAVMP AQLMVSKADE LDLTLPPHLL MLLRGLIMSG VAIAFVGSSR PASGAEHKFS HALDYLG YGN GTHGEQVALG TIIMEYLHEK YYGRGDWEQI KMSLEKVHAP TTAKEIGLTR EQVIEALMLA TKLRKKRFTI LEAVKPTKEE FELVVEKTGV A |
| Source | E.coli |
| Target Names | egsA |
| Protein Names | Recommended name: Glycerol-1-phosphate dehydrogenase [NAD(P)+] Short name= G1P dehydrogenase Short name= G1PDH EC= 1.1.1.261 Alternative name(s): Enantiomeric glycerophosphate synthase sn-glycerol-1-phosphate dehydrogenase |
| Expression Region | 1-351 |
| 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. |