





## Recombinant Saccharomyces cerevisiae Protein GCY (GCY1)

Product Code         CSB-EP321197SVG           Relevance         Glycerol dehydrogenase involved in glycerol catabolism under microaerobic conditions. Has mRNA binding activity.           Abbreviation         Recombinant Saccharomyces cerevisiae GCY1 protein           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.         P14065           Alias         Galactose-inducible crystallin-like protein 1           Product Type         Recombinant Protein           Immunogen Species         Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Baker's yeast)           Purity         Greater than 90% as determined by SDS-PAGE.           Sequence         MPATLHDSTKILSLNTGACIPOIGLGTWQSKENDAYKAVLTALKDGYRHIDTAAI YRNEDQVGQAIKDSGVPREEIFVTTKLWCTQHHEPEVALDQSLKRLGLDYVDLYLMHUPPARLDPAYIKNEDILSVPTKKDGSRAVDITNWNFIKTWELMQELPKTG KTKAVGVSNFSINNLKDLLASQGNKLTPAANQVEIHPLLPQDELINFCKSKGIVV EAYSPLGSTDAPAYIKNEDILSVPTKKDGSRAVDITNWNFIKTWELMQELPKTG KTKAVGVSNFSINNLKDLLASQGNKLTPAANQVEIHPLLPQDELINFCKSKGIVV EAYSPLGSTDAPAYIKNEDILSVPTKKDGSRAVDITNWNFIKTWELMQELPKTG KTKAVGVSNFSINNLKDLLASQGNKLTPAANQVEIHPLLPQDELINFCKSKGIVV EAYSPLGSTDAPAYIKNEDILSVPTKKDGSRAVDITNWNFIKTWELMQELPKTG KTKAVGVSNFSINNLKDLLSKEKKGEKRVVHPNWSPFEVFK           Research Area         Others           Source         E.coli           Target Names         GCY1		
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Protein Length Full Length	Tag Info	N-terminal 6xHis-SUMO-tagged
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Image	Protein Length	Full Length
	Image	



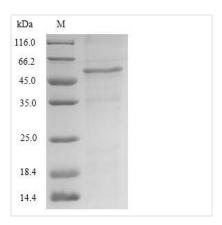
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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## 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**

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.