





## Recombinant Saccharomyces cerevisiae Glycerol 2-dehydrogenase (GCY1)

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         MPATLHDSTKILSLNTGAQIPQIGLGTWQSKENDAYKAVLTALKDGYRHIDTAAI YRNEDQVGQAIKDSGVPREEIFVTTKLWCTQHHEPEVALDQSLKRLGLDYVDL YLMHWPARLDPAYIKNEDILSVPTKKDGSRAVDITNWNFIKTWELMQELPKTG KTKAVGVSNFSINNLKDLLASQGNKLTPAANQVEIHPLLPQDELINFCKSKGIVV EAYSPLGSTDAPLLKEPVILEIAKKNNVQPGHVVISWHVQRGYVVLPKSVNPDR IKTNRKIFTLSTEDFEAINNISKEKGEKRVVHPNWSPFEVFK           Research Area         Others           Source         Yeast           Target Names         GCY1           Protein Names         Recommended name: Protein GCY EC= 1.1.1           Expression Region         1-312aa           Notes         Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.           Tag Info         N-terminal 6xHis-tagged           Mol. Weight         37.1kDa           Protein Length         Full Length		
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 MPATLHDSTKILSLNTGAQIPQIGLGTWQSKENDAYKAVLTALKDGYRHIDTAAI YRNEDQVGQAIKDSGVPREEIFVTTKLWCTQHHEPEVALDQSLKRLGLDYVDL YLMHWPARLDPAYIKNEDILSVPTKKDGSRAVDITMWNFIKTWELMQELPKTG KTKAVGVSNFSINNLKDLLASQGNKLTPAANQVEIHPLLPQDELINFCKSKGIVV EAYSPLGSTDAPLIKEPVILEIAKKNNVQPGHVVISWHVQRGYVVLPKSVNPDR IKTNKKIFTLSTEDFEAINNISKEKGEKRVVHPNWSPFEVFK  Research Area Others  Source Yeast  Target Names GCY1  Protein Names Recommended name: Protein GCY EC= 1.1.1  Expression Region 1-312aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  Tag Info N-terminal 6xHis-tagged  Mol. Weight 37.1kDa  Protein Length	<b>Product Code</b>	CSB-YP321197SVG
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Protein Length Full Length	Tag Info	N-terminal 6xHis-tagged
	Mol. Weight	37.1kDa
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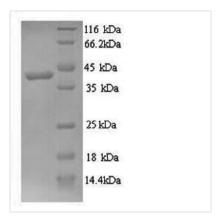


## **CUSABIO TECHNOLOGY LLC**

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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.