

Recombinant *Saccharomyces Cerevisiae* GCY1 Protein (1-312 aa), His-tagged

Cat. No. GCY1-1581S **Lot. No.** (See product label)

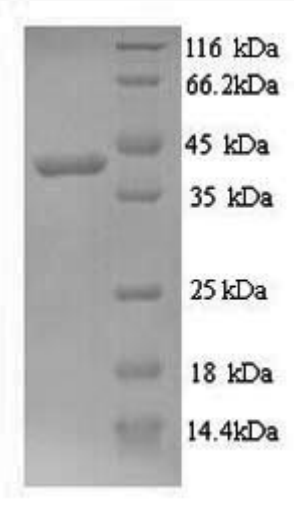
SPECIFICATION

Product Overview	Recombinant <i>Saccharomyces Cerevisiae</i> (strain ATCC 204508/S288c) (Baker's yeast) GCY1 Protein (1-312 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	<i>S.cerevisiae</i>
Source	Yeast
ProteinLength	1-312 aa
Description	Glycerol dehydrogenase involved in glycerol catabolism under microaerobic conditions. Has mRNA binding activity.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	37.1 kDa
AA Sequence	MPATLHDSTKILSLNTGAQIPQIGLGTWQSKENDAYKAVLTALKDGYRHIDTAAYRN EDQVGQAIKDSGVPREEIFVTTKLWCTQHHEPEVALDQSLKRLGLDYVDLYLMHWP ARLDPAYIKNEDILSVPTKKDGSRAVDITNWNFIKTWELMQELPKTGKTKAVGVSNFS INNLDLLASQGNKLTPAANQVEIHPLLPQDELINFCKSKGIVVEAYSPLGSTDAPLLK EPVILEIAKKNNVQPGHVVISWHVQRGYVVLPKSVNPDRIKTNRKIFTLSTEDFEAINN ISKEKGEKRVVHPNWSPFEVFK

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Synonyms	GCY1; Galactose-inducible crystallin-like protein 1;
UniProt ID	P14065
	

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

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