



Recombinant *Ashbya gossypii* Glutathione reductase (GLR1)

Product Code	CSB-MP009968DOT
Abbreviation	GLR1
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.	Q74ZK4
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MLRCREVYNI CKGAMSNEVK HYDYLVIGGG SGGVASSRRA ASYGAKTVLI EGKALGGTCV NVGCVPPKVM WYASDLAHLR L HardyGLLQ EVDISKEKLH FNWKEFAGKR NAYVERLNGI YERNLAKEGV EYVHGWARFN SEGQVEVTRP DQTTEKYTAD HILIATGGEP VLPEGIPGAE YGVDSGFFR LEEQPCKVVI SGSGYIATEF AGVFNGLGTE THIVIRKDHV LTKFDPSIQE IVTEHYEKEG VNIHKKESIQ RVEKDPNTGK LTVHLSGKII EDVDQLVWAI GRKSLGAIAP ENVGVKLGET GHVVVDEYQN TSTKGIYALG DVVGNMELTP VAIAAGRKLA NRLFGPEQMR AQKQDYDNVP SVVFSHPEAG SIGLTEPQAI ERYGKENIKI YQTKFTAMYY AMLEDKSPTK YKLICAGPEE KVVGLHIVGD GSAEILQGFG VAIKMGATKA DFDSCVAIHP TSAEEIVTLK
Source	Mammalian cell
Target Names	GLR1
Protein Names	Recommended name: Glutathione reductase Short name= GR Short name= GRase EC= 1.8.1.7
Expression Region	1-480
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.



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