



# Recombinant *Saccharomyces cerevisiae* NADPH-dependent methylglyoxal reductase GRE2 (GRE2)

<b>Product Code</b>	CSB-EP609123SVG-B
<b>Abbreviation</b>	GRE2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q12068
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSVFVSGANG FIAQHIVDLL LKEDYKVIKS ARSQEKAENL TEAFGNNPKF SMEVVPDISK LDAFDHVFQK HGKDIKIVLH TASPFCFDIT DSERDLLIPA VNGVKGILHS IKKYAADSVE RVVLTSSYAA VFDMAKENDK SLTFNEESWN PATWESCQSD PVNAYCGSKK FAEKAAWEFL EENRDSVKFE LTAVNPVYVF GPQMFDKDVK KHLNTSCELV NSLMHLSPED KIPELFGGYI DVRDVAKAHL VAFQKRETIG QRLIVSEARF TMQDVLIDLN EDFPVLKGNL PVGKPGSGAT HNTLGATLDN KSKKLLGFK FRNLKETIDD TASQILKFEG RI
<b>Source</b>	<i>E.coli</i>
<b>Target Names</b>	GRE2
<b>Protein Names</b>	Recommended name: NADPH-dependent methylglyoxal reductase GRE2 EC=1.1.1.283 Alternative name(s): Genes de respuesta a estres protein 2
<b>Expression Region</b>	1-342
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.