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

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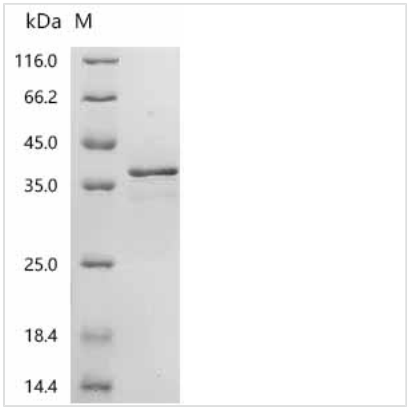
| **Product Code** | CSB-YP609123SVG |
| **Abbreviation** | Recombinant Saccharomyces cerevisiae GRE2 protein |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid 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.** | Q12068 |
| **Form** | Liquid or Lyophilized powder |
| **Storage Buffer** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Product Type** | Recombinant Saccharomyces cerevisiae NADPH-dependent methylglyoxal reductase GRE2 (GRE2) |
| **Immunogen Species** | Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Baker's yeast) |
| **Sensitivity** | Not Test |
| **Purity** | Greater than 85% as determined by SDS-PAGE. |
| **Sequence** | MSVFVSGANGFIAQHIVDLLLKEDYKVIGSARSQEKAENLTEAFGNNPKFSMEV VPDISKLDAFDHVFQKHGKDIKIVLHTASPFCFDITDSERDLLIPAVNGVKGILHS IKKYAADSVERVVLTSSYAAVFDMAKENDKSLTFNEESWNPATWESCQSDPV NAYCGSKKFAEKAAWEFLEENRDSVKFELTAVNPVYVFGPQMFDKDVKKHLN TSCELVNSLMHLSPEDKIPELFGGYIDVRDVAKAHLVAFQKRETIGQRLIVSEAR FTMQDVLDILNEDFPVLKGNIPVGKPGSGATHNTLGATLDNKKSKKLLGFKFRN LKETIDDTASQILKFEGRI |
| **Research Area** | Cancer |
| **Source** | Yeast |
| **Target Names** | GRE2 |
| **Expression Region** | 1-342aa |
| **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** | 40.2 kDa |
| **Protein Length** | Full Length |
| **Image** | |




(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.