



Recombinant *Saccharomyces cerevisiae* Thioredoxin reductase 1 (TRR1)

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| Product Code | CSB-BP025388SVG |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P29509 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast) |
| Purity | >85% (SDS-PAGE) |
| Sequence | VHNKVTIIG SGPAAHATAI YLARAEIKPI LYEGMMANGI AAGGQLTTTT EIEFPGFPD GLTGSELMDR MREQSTKFGT EIITETVSKV DLSSKPFKLW TEFNEDAEPV TTDAILATG ASAKRMHLPG EETYWQKGIS ACAVCDGAVP IFRNKPLAVI GGGDSACEEA QFLTKYGSKV FMLVRKDHLR ASTIMQKRAE KNEKIEILYN TVALEAKGDG KLLNALRIKN TTKNEETDLP VSGLFYAIGH TPATKIVAGQ VDTDEAGYIK TVPGSSLTSV PGFFAAGDVQ DSKYRQAITS AGSGCMAALD AEKYLTSLE |
| Source | Baculovirus |
| Target Names | TRR1 |
| Protein Names | Recommended name: Thioredoxin reductase 1 EC= 1.8.1.9 |
| Expression Region | 2-319 |
| 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 of Mature 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. 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. |