



Recombinant *Saccharomyces cerevisiae* Cystathionine beta-lyase (STR3)

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|--------------------------|---|
| Product Code | CSB-YP347169SVG |
| 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. | P53101 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MPIKRLDTVV VNTGSQNDQH SASVPPVYLS TTFKVDLNNE DAQNYDYSRS GNPTRSVLQH QIGKLYRVPQ ENVLAVSSGM TALDVILRGL VLLNGTDNHT PTIAGDDL Y GGTQRLLNFF KQSHAVSVH VDTSDFEKFK TVFQSLDKVD CVLLESPTNP LCKVVDIPRI LRFVKCISPD TTVVVDNTMM SGLNCNPLQL NPGCDV VYES ATKYLNHHD LMGGVVISKT PEIASKLYFV INSTGAGLSP MDSWLLVRGL KTLGVRLYQQ QRNAMILAHW LNSCGFKPT RTNKATKTRF VGLRSNPDKF LHKSFNNGPG AVLSFETGSF EHSKRLVSSK KLSIWAVTVS FGCVNSLLSM PCKMSHASID PELRKERDFP EDLVRGCCGI ENIVDLKKDL LAAMVDADII EVRENGKYL NKLNKNLAVN TTIDDLHKPL SIYEEFYND LIRKDELNI KSSKL |
| Source | Yeast |
| Target Names | STR3 |
| Protein Names | Recommended name: Cystathionine beta-lyase Short name= CBL EC= 4.4.1.8 Alternative name(s): Beta-cystathionase Cysteine lyase Sulfur transfer protein 3 |
| Expression Region | 1-465 |
| 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. 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. |