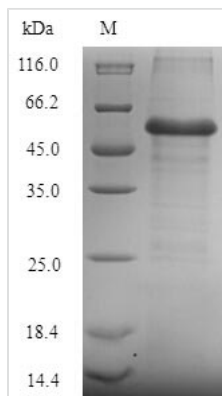




Recombinant *Saccharomyces cerevisiae*

Cystathionine beta-synthase (CYS4)

Product Code	CSB-YP004589SVG
Abbreviation	Recombinant <i>Saccharomyces cerevisiae</i> CYS4 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.	P32582
Alias	Beta-thionase;Serine sulfhydrase;Sulfur transfer protein 4
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MTKSEQQADSRHNVIDLVGNTPLIALKKLPKALGIKPQIYAKLELYNPGGSIKDRI AKSMVEEAEASGRIHPSRSTLIEPTSGNTGIGLALIGAIGYRTIITLPEKMSNEK VSVLKALGAEIIRTPTAAAWDSPESHIGVAKKLEKEIPGAVILDQYNNMMNPEA HYFGTGREIQRQLEDNLFDNLRAVVAGAGTGGTISGISKYLKEQNDKIQIVGA DPFGSILAQPENLNKTDITDYKVEGIGYDFVPQVLDRLIDVWYKTDDKPSFKY ARQLISNEGVLVGGSSGSAFTAVVKYCEDHPELTEDDVIVAIFPDSIRSylTKFV DDEWLKKNNLWDDDLARFDSSKLEASTTKYADVFGNATVKDLHLKPVVSVK ETAKVTDVIKILKDNQFDQLPVLTEDGKLSGLVTLSELLRKLSINNSNNDNTIKG KYLDFKKLNNFNDVSSYNENKSGKKKFIKFDENSKLSDLNRRFFEKNSSAVITDG LKPIHIVTKMDLLSYLA
Research Area	Others
Source	Yeast
Target Names	CYS4
Protein Names	Recommended name: Cystathionine beta-synthase EC= 4.2.1.22 Alternative name(s): Beta-thionase Serine sulfhydrase Sulfur transfer protein 4
Expression Region	1-507aa
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	58.0kDa
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.