

# Recombinant Baker's yeast Cystathionine beta-synthase protein

Catalog No: #AP72256

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Package Size: #AP72256-1 20ug #AP72256-2 100ug #AP72256-3 1mg

## Description

Product Name	Recombinant Baker's yeast Cystathionine beta-synthase protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-507aaSequence Info:Full Length
Other Names	Beta-thionase;Serine sulfhydrase;Sulfur transfer protein 4
Accession No.	P32582
Uniprot	P32582
GeneID	853059;
Calculated MW	60 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MTKSEQQADSRHNVIDLVGNTPLIALKLPKALGIKPKIYAKLELYNPGGSIKDRIAKSMVEEAEASGRIHPSRS TLIEPTSGNTGIGLALIGAIGYRTIITLPEKMSNEKVSVLKALGAEIIRTPATAAWDSPESHIGVAKKLEKEIPGAV ILDQYNNMMNPEAHYFGTGREIQRQLEDLNLFDNLRAVVAGAGTGGTISGISKYLKEQNDKIQVADPFGSIL AQPENLNKTDITDYKVEGIGYDFVPQVLDRLIDVWYKTDDKPSFKYARQLISNEGVLVGGSSGSAFTAVVKYC EDHPELTEDDVIVAIFPDSIRSYLTKFVDEWLKNNLWDDVLRARFDSSKLEASTTKYADVFGNATVKDLHLK PVVSVKETAKVTDVIKILKDNQFDQLPVLTEDGKLSGLVTLSELLRKL SINNSNNDNTIKGKYLDFKKLNNFNNDV SSYENKSGKKKFIKFDENSKLSDLNRRFFEKNSSAVITDGLKPIHIVTKMDLLSYLA
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## References

Cysteine biosynthesis in *Saccharomyces cerevisiae* occurs through the transsulfuration pathway which has been built up by enzyme recruitment.Cherest H., Thomas D., Surdin-Kerjan Y.J. Bacteriol. 175:5366-5374(1993)Research Topic:Others

Note: This product is for in vitro research use only