

Recombinant Saccharomyces cerevisiae
Cystathionine beta-synthase(CYS4)



Catalog No: #AP73711

Orders: order@abscitech.com

Package Size: #AP73711-1 10ug #AP73711-2 50ug #AP73711-3 100ug #AP73711-4 200ug #AP73711-5 500ug #AP73711-6 1mg

Support: tech@abscitech.com

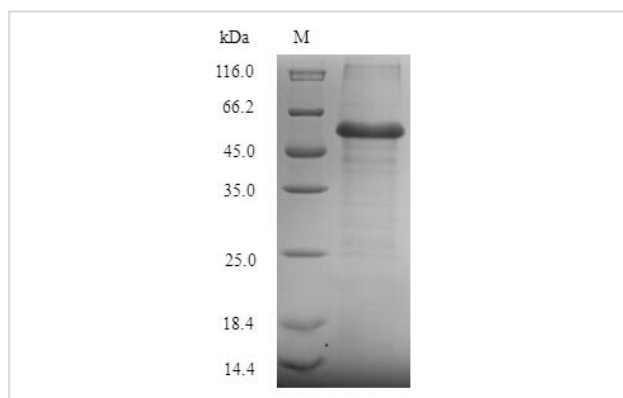
Description

Product Name	Recombinant Saccharomyces cerevisiae Cystathionine beta-synthase(CYS4)
Brief Description	Recombinant Protein
Host Species	Yeast
Target Name	CYS4
Other Names	Beta-thionase;Serine sulfhydrase;Sulfur transfer protein 4
Accession No.	Uniprot ID: P32582
Target Species	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Baker
SDS-PAGE MW	58.02kDa
Target Length	Full Length, 1-507aa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MTKSEQQADSRHNVIDLVGNTPLIALKKLPKALGIKPQIYAKLELYNPGGSIKDRIAKSMVEEAEASGRIHPSRS TLIEPTSGNTGIGLALIGAIAIKGYRTIITLPEKMSNEKVSVLKALGAEIIRPTAAAWDSPESHIGVAKKLEKEIPGAV ILDQYNNMMNPEAHYFGTGREIQRQLEDLNLFDNLRAVVAGAGTGGTISGISKYLKEQNDKIQIVGADPFGSIL AQPENLNKTDITDYKVEGIGYDFVPQVLDRLIDVWYKTDDKPSFKYARQLISNEGLVGGSSGSAFTAVVKYC EDHPELTEDDVIVAIFPDSIRSYLTKFVDDEWLKKNLWDDDLARFDSSKLEASTTKYADVFGNATVKDLHLK PVVSVKETAKVTDVIKLDNGFDQLPVLTEDGKLSGLVTLSELLRKLSINNSNNDNTIKGKYLDFKKLNNFNDV SSYENKSGKKKFIKFDENSKLSDLNRFFEKNSSAVITDGLKPIHIVTKMDLLSYLA
Formulation	Tris-based buffer,50% 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.

Application Details

Greater than 90% as determined by SDS-PAGE.

Images



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)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.