



Recombinant *Schizosaccharomyces pombe* Histidine biosynthesis bifunctional protein his7 (his7)

Product Code	CSB-YP528866SXV
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.	O59667
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MALLPFFDLT NFESDASEEL GWLKYVGRVQ TRVFPQHFKD NLEKVRKISE TIDVIVDTTA ELGPEACVNL LNAGALAILV NEEMPLNELAD ISPNRLVLKT DTTDIGKIEK LSQVAGSIQW IGSAENYPPD FFERASKIIH KAVMPEGGGR TLYLEFPEQP SMEVLKSFSV HSVVPVLSSS FLTVKPAEEP KKLSLADLIL ISANTDREDG LFSTLNVNEL GIALGLVYSS KESVAESLKT GTGVYQSRKR GLWYKGASSG AVQHLIHIDV DCDEDCLRFV VYQTGKGFCH LDTLHCFGQA SGLCQLEKTL IDRKNNAPEG SYTARLFSDP KLLRAKIMEE AEELCDATTK ENVIWEMADL MYFAITRCVG SGVSLNDISR HLDLKHRKVT RRKGDAAKVAW QEKLKDKGGV ANTSYTA
Source	Yeast
Target Names	his7
Protein Names	Recommended name: Histidine biosynthesis bifunctional protein his7 Including the following 2 domains: Phosphoribosyl-AMP cyclohydrolase EC= 3.5.4.19 Phosphoribosyl-ATP pyrophosphatase EC= 3.6.1.31
Expression Region	1-417
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.



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