



Recombinant *Schizosaccharomyces pombe* Glutathione gamma-glutamylcysteinyltransferase (SPAC3H1.10)

Product Code	CSB-YP607339SXV
Abbreviation	SPAC3H1.10
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.	Q10075
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MNIVKRAVPE LLRGMTNATP NIGLIKNKVV SFEAVGQLKK SFYKRQLPKQ CLAFDSSLGK DVFLRALQEG RMENYFSLAQ QMVTQNEPAF CGLGTLCMIL NSLKVDPGRL WKGSWRWYDQ YMLDCCRSL S DIEKDGVTLE EFSCLANCNG LRTITKCVKD VSFDEFKRDV ISCSTIENKI MAISFCRKVL GQTGDGHFSP VGGFSESDNK ILILDVARFK YPCYWVDLKL MYESMFPIDK ASGQPRGYVL LPMHIPLGV LTVGLNKYSW RNVSKHILQQ AATVKNADNL AEILLSINQS SIPLIQERSN SSKSGDFEHF KECIRSTKTY HLFLKHTNTN VEYITMAFWA IFSLPMIQA LPKGVL EEIQ SLLKEVEISE INTQLTALKK QLDSLTHCCK TDTGCCSSSC CKNT
Source	Yeast
Target Names	SPAC3H1.10
Protein Names	Recommended name: Glutathione gamma-glutamylcysteinyltransferase EC=2.3.2.15 Alternative name(s): Phytochelatin synthase
Expression Region	1-414
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.