



# Recombinant *Schizosaccharomyces pombe* Probable glutamate 5-kinase (SPAC17H9.13c)

<b>Product Code</b>	CSB-MP517578SXV
<b>Storage</b>	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.
<b>Uniprot No.</b>	O13810
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSPKSKSTNK TYTIVIKLGT SSICDEKTHE PLISNLSLIV ETVVKLRKLG HNVVLVSSGG IAMGLRRLDL PKRPSKLSAV QAIAAVGQGR LISLWDTLFT QLRQPIAQVL ITRNDIAERS QYVNAANTIS ELLHFGVVPI VNENDTLSVQ EIRFGDNDTL SAITAGMINA DYLFLLTDVD CLYTDNPRTN PDAKPILKIH DTSMVNANVS TPGSGVGTGG MKTKLIAADL GTSSGVNVII CRGSKPSSIF DIIRQESSDN KNESVELPLH THFVAKKQGR IRDRHFWLLH GLKSHGSLEI DRGAFAITR TNRAGLLPVG VTKVHGHFSA HQAVTVIYNG EEIGRALVNY SSTEIDLIKG KRSKEIASIL GYNETEYVAY RDYLVVHGLN SHHDSQVSSD EH
<b>Source</b>	Mammalian cell
<b>Target Names</b>	SPAC17H9.13c
<b>Protein Names</b>	Recommended name: Probable glutamate 5-kinase Short name= GK EC= 2.7.2.11 Alternative name(s): Gamma-glutamyl kinase
<b>Expression Region</b>	1-402
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.