



# Recombinant Rat 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta-1 (Plcz1)

<b>Product Code</b>	CSB-EP685924RA-B
<b>Abbreviation</b>	Plcz1
<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>	Q5FX52
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MESHYELAEA RWFMSKIQDY FRGGKISAGI THKLEKLDL PCHFAHVKRI FKENDRHNQG RITTEDFRTI YRCIVHREEI VEIFNTYTEN RKILPEDSLI EFLTQEYEM EMDESSVEI IQKYEPIAEV KNERQMSIEG FARYMFSSEC LLFKETCNTV YQDMNKPLND YYISSSHNTY LISDQILGPS DIWGYISALV KGCRCLEIDC WDGAQNEPIV YHGYTLTSKL LFKTVIQAIN KYAFVTSDYP VVLSLENHCS PGQQEVMTDI LQSTFGDFLL SDILDEFPDS LPSPEALKFK ILVKNKKVGT LSETRERLGT DKRGIALDLE EEIYENEDED SGKEPETWDD FLSRVKEEQE ADPSTLSGIA DAKKKIRKLR VALALSDLVI YTKAEKFRNF QYSRVYQQFN ETTSMGESRA RKLSKLR AHE FIFHTAAFIT RVYPKFTRAD SSNFNPQEFW NVGCQMVALN FQTPGLPMDL QNGKFLDNGG SGYVLKPDFL RDITTLGFNPN EPEGDGHVPT LTIRLISGIQ LPVNVPSNTS DIIVIEVYG VPNDHMKQQS RAVKNNAFSP RWNFTFTFLI QVPELALIRF VVETQGFLSG NELLGQYTLP VLCMKNKGYRR VPLFSKSGAN LEPSSLFIYV WYYRE
<b>Source</b>	E.coli
<b>Target Names</b>	Plcz1
<b>Protein Names</b>	Recommended name: 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta-1 EC= 3.1.4.11 Alternative name(s): Phosphoinositide phospholipase C-zeta-1 Phospholipase C-zeta-1 Short name= PLC-zeta-1
<b>Expression Region</b>	1-645
<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.

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