



Recombinant *Xenopus tropicalis* Phosphatidylinositol 4-kinase type 2-alpha (pi4k2a)

Product Code	CSB-EP703498XBF-B
Abbreviation	pi4k2a
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.	Q505I0
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MDETSPLVSP DRDQTDYSYQ SQCSPGVPVC LSPNGRFSAV PGVVVRIPGS ATSPIRGSAA SGPSPPGSPC DRERQPLLER SQTRGAAAQA ERERNKFPDD PEFAEUVKKA EKAIVRDILP ERISQGSSGS YFVKNEQGEI IAVFKPKNEE PYGQLNPKWT KWLQKLCCPC CFGRDCLVLN QGYLSEAGAS LVDQKLELNI VPRTKVVFLA SETFNYS AID RVKSRGKRLA LEKVPKVGQR FNRIGLPPKV GSFQLFVKGY KDADYWLRRF EADPLPENTN RQLQLQFERL VVLDYIIRNT DRGNDNWLK YDCPMDSASA RDDWVMVKEP VIKIAAIDNG LAFPLKHPDS WRAYPFYWAW LPQAKIQFSQ EIKDLILPKI SDPNFVKDLE EDLYELFKRD PGFDRGQFRK QIAVMRGQIL NLTQALKDGK SPLQLVQTPP VIVETARSHQ KSTSESYTQS FQSRKPFFSW W
Source	E.coli
Target Names	pi4k2a
Protein Names	Recommended name: Phosphatidylinositol 4-kinase type 2-alpha EC= 2.7.1.67 Alternative name(s): Phosphatidylinositol 4-kinase type II-alpha
Expression Region	1-471
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.