



# Recombinant *Xenopus laevis* Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN (pten)

<b>Product Code</b>	CSB-MP879379XBE
<b>Abbreviation</b>	pten
<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>	Q9PUT6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Xenopus laevis</i> (African clawed frog)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTAIIKEFVS RNKRRYQEDG FDLDLTYIYP NIIAMGFPAE RLEGVYRNNI DDVVRFLDSK HKNHYKIYNL CAERHYDTNK FSCRVAQYPF EDHNPPQLEL IKPFCELDLQ LLENENVAIA IHCKAGKGRT GVMICAYLLH RGKFPRAQEA LDFYGEVRTR DKKGVTIPSQ RRYVYYYSYL LKNSLEYRPV PLLFHKIEFE TIPMFGSTC NPQFVYQLK VKIFTSTAGP KRAEKLMYFD FPQPLPVC GD IKVEFFHKQN KVMKKEKMFH FWVNTFFIPG PEEYSEKVEN GTLVGEQELD GIYSTERSDN DKEYLTLALT KNDLDKANKD KANRLFSPNF KVKLFFTKTV EESSNSEASS STSVTPDVSD NEPDHYRYSD TTSDPENEP FDEDQITQIT KV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	pten
<b>Protein Names</b>	Recommended name: Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN EC= 3.1.3.16 EC= 3.1.3.48 EC= 3.1.3.67 Alternative name(s): Mutated in multiple advanced cancers 1 Phos
<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.



## 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.