



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

Product Code	CSB-EP879379XBE
Abbreviation	pten
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.	Q9PUT6
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MTAIIKEFVS RNKRRYQEDG FDLDLTYIYP NIIAMGFPAE RLEGVYRNNI DDVVRFLDSK HKNHYKIYNL CAERHYDTNK FSCRVAQYPF EDHNPPQLEL IKPFCELDLQ LLENENVAIA IHCKAGKGRT GVMICAYLLH RGKFPRAQEA LDFYGEVRTR DKKGVTTIPSQ RRYVYYYSYL LKNSLEYRPV PLLFHKIEFE TIPMFGSTC NPQFVYQLK VKIFTSTAGP KRAEKLMYFD FPQPLPVCGD IKVEFFHKQN KVMKKEKMFH FWVNTFFIPG PEEYSEKVEN GTLVGEQELD GIYSTERSDN DKEYLTLALT KNDLDKANKD KANRLFSPNF KVKLFFTKTV EESSNSEASS STSVTPDVSD NEPDHYRYSYD TTSDPENEP FDEDQITQIT KV
Source	E.coli
Target Names	pten
Protein Names	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
Expression Region	1-402
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.