



Recombinant *Xenopus laevis* Peflin (pef1)

Product Code	CSB-EP735553XBE
Abbreviation	pef1
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.	Q5PQ53
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	≥85% (SDS-PAGE)
Sequence	MASYPYGQGY HGAAGQPPGA PQTNYGGQQ YGGGVQPAAS YGRPAPGAPY GSPPSGGVYG HPVPGSAAPG APGGPYGGQA PGGPYSVPGS TPYGSQQHGS YQGAPAGNI PPGVDPEAFS WFQTVDTDHS GYISLKELKQ ALVNTNWSSF NDETCTMMM N MFDKSNSGRI DMFGFSALWR FIQQWRNLFQ QYDRDRSGSI NQGELHQUALC QMGYQLSPQF VQIVMSRYAQ RSAQPGLQLD RFIQICTQLQ SMTEAFREKD TGQIGTAKLS YEDFITMTT RLL
Source	E.coli
Target Names	pef1
Protein Names	Recommended name: Peflin Alternative name(s): PEF protein with a long N-terminal hydrophobic domain Penta-EF hand domain-containing protein 1
Expression Region	1-283
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.