



Recombinant *Xenopus borealis* Actin, cytoplasmic 1 (actb)

Product Code	CSB-EP322777XAO-B
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.	P15475
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus borealis</i> (Kenyan clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	ADDIAALV IDNGSGMCKA GFAGDDAPRA VFPSIVGRPR HQGVMVGMGQ KDSYVGDEAQ SKRGILTLKY PIEHGIVTNW DDMEKIWHHT FYNELRVAPE EHPVLLTEAP LNPKANREKM TQIMFETFNT PAMYVAIQAV LSLYASGRTT GIVMDSGDGV THTVPIYEGY ALPHAILRLD LAGRDLTDYL MKILTERGYS FTTTAEREIV RDIKEKLCYV ALDFEQEMAT AASSSSLEKS YELPDGQVIT IGNERFRCPE ALFQPSFLGM ESCGIHETTF NSIMKCDVDI RKDLYANTVL SGGTTMYPGI ADRMQKEITA LAPSTMKIKI IAPPERKYSV WIGGSILALL STFQQMWISK QEYDESGPSI VHRKCF
Source	E.coli
Target Names	actb
Protein Names	Recommended name: Actin, cytoplasmic 1 Alternative name(s): Beta actin
Expression Region	2-376
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 of Mature 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.