



Recombinant *Xenopus laevis* SUMO-activating enzyme subunit 1 (sae1)

Product Code	CSB-EP809048XBE
Abbreviation	sae1
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.	Q8JGT5
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MVEKEEAVIS EEEAAQYDRQ IRLWGLEAQK RLRTSRVLLV GMRGLGAEVA KNLILAGVKA LTLLDHEQVS SEDSRAQFLI PSGSLGQNRA EASLNRARNL NPMVSVEADT ENINQKSDDF FTQFDVVCLT SCPSDLLVRV NHICHKHNK FFTGDVYGYH GSMFADLGEH EFVEEKAKVT KAKPLVEDGP EAKKAKIDPT ETILVKKKVQ FCPLKDALEI DWRSEKAKSA LKKTPTDYFL LQVLMKFRTD KGRDPQPSSY QEDSELLLI CSDVLDLGLV SPDLLPKDFA SYCFSEMAPV CAVVGVLGQ EIVKALSLRD APHNNFFFFD GKTSNGIVDC LGSK
Source	<i>E. coli</i>
Target Names	sae1
Protein Names	Recommended name: SUMO-activating enzyme subunit 1 Alternative name(s): SUMO-activating enzyme E1 N subunit Ubiquitin-like 1-activating enzyme E1A
Expression Region	1-344
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.