



Recombinant *Xenopus laevis* Transforming growth factor beta-1 (tgfb1)

Product Code	CSB-EP023446XBE-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P16176
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	GVGQEYCFGN NGPNCCVKPL YINFRKDLGW KWIHEPKGYE ANYCLGNCPY IWSMDTQYSK VLSLYNQNNP GASISPCCVP DVLEPLPIIY YVGR TAKVEQ LSNMVVRSCN CS
Source	E.coli
Target Names	tgfb1
Protein Names	Recommended name: Transforming growth factor beta-1 Short name= TGF-beta-1 Alternative name(s): TGF-beta-5
Expression Region	271-382
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.