



# Recombinant *Xenopus laevis* Transcription factor Sox-1 (sox1)

<b>Product Code</b>	CSB-EP649264XBE-B
<b>Abbreviation</b>	sox1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q2PG84
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Xenopus laevis</i> (African clawed frog)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MYSMMMETDL HSPGVQPPNN TGQGGGNKAS QDRVKRP MNA FMVWSRGQRR KMAQENPKMH NSEISKRLGA EWKVMSEAEK RPFIDEAKRL RALHMKEHPD YKYRPRRKT TLLKKDKYSL AGLLHAAGG GHMGVGLSPG GGGGGCGGAG GMVVQRMESP GSGASTGGYA HMNGWANGAY PGSVAAAAAA AMMQEAQLAY SQQQQQHPGS GGHPHHPH HPHHPHHPH HHNPTSHPTP PQPMHRYDMS ALQYSPLPGA QTYMSASPSS YGALSYSSSQ QQHQGSPSSA AVAAAAAAS SGALGVLGSL VKSEPSVSPV VSGGGSHNRP PCPGDLREMI SMYLPGGGEA GDPAAAAAA AAAAAATSRL HSLPQHYQGT GTGITSTMPL THI
<b>Source</b>	E.coli
<b>Target Names</b>	sox1
<b>Protein Names</b>	Recommended name: Transcription factor Sox-1 Short name= XISox1 Short name= xSox1 Alternative name(s): SRY (sex determining region Y)-box 1
<b>Expression Region</b>	1-393
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.