



Recombinant Chicken Transcription factor SOX-1 (SOX1)

Product Code	CSB-EP022417CH-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O57401
Product Type	Recombinant Protein
Immunogen Species	Gallus gallus (Chicken)
Purity	>85% (SDS-PAGE)
Sequence	<pre>MYSMMMETDL HSPGGAPAPG GGLSGQSGAG GGGGGGGGGG GKAGQDRVKR PMNAFMVWSR GQRRKMAQEN PKMHNSEISK RLGAEWKVMSEAEKRPFIDE AKRLRALHMK EHPDYKYRPR RKTCTLLKGD KYSLAGGLLG AGPAAGGPPA VGVGMGVGVI PGGVGRLES PGGAAGGGYA HMNGWANGAY PGSVAAAAAA AAMMQEAQLA YGQHPGGGGH PPHPHPHPH HPHNPQPMHR YDMGALQYSP ISNSQGYVSA SPSGYGALPY GSQPHQNSAA AAAAAAAAAA ASSGALGALG SLVKSEPSVS PPVTSHSRAP CPGDLREMIS MYLPGGEGGD PAAAAAQSRL HSLPQHYQSA STGVNGTVPL THI</pre>
Source	E.coli
Target Names	SOX1
Protein Names	Recommended name: Transcription factor SOX-1
Expression Region	1-373
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
Target Details	This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development.
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.