



Recombinant Chicken Transcription factor SOX-9 (SOX9)

Product Code	CSB-EP022437CH
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48434
Product Type	Recombinant Protein
Immunogen Species	Gallus gallus (Chicken)
Purity	>85% (SDS-PAGE)
Sequence	MNLLDPFMKM TEEQDKGLSG APSPTMSDDS AGSPCPSGSG SDTENTRPPQ ENTFPKGDPD LKKEDEDFK PVCIREAVSQ VLKGYDWTLV PMPVRVNGSS KNKPHVKRPM NAFMVWAQAA RRKLADQYPH LHNAELSKTL GKLWLLNES EKRPFVEEAE RLRVQHKKDH PDYKYQPRRR KTVKNGQSEQ EEGSEQTHIS PNAIFKALQA DSPQSSSSIS EVHSPGEHSG QSQGPPTPPT TPKTDAQQPG KQDLKREGPL AEGGRQPPHI DFRDVDIGEL SSDVISNIET FDVNEFDQYL PPNGHPGVPA THGQVTTYSG TYGISSASS PAGAGHAWMA KQQPQPPQPP AQPPAQHTLP STEREQGPAQ QRPHIKTEQL SPSHNSEQQQ HPEQQQQQQQ QLGYGSFNLQ HYGFSYPPIT RSEYDYTEHQ NSGSYSHAA GQSGSLYSTF TYMNPTQRPM YTPADTSGV PTIPQTHSPQ QHWEQPVYTQ LTRP
Source	E.coli
Target Names	SOX9
Protein Names	Recommended name: Transcription factor SOX-9
Expression Region	1-494
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 protein recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal.
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.