Recombinant Chicken Transcription factor SOX-2 (SOX2)

Product Code	CSB-MP022426CH
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48430
Product Type	Recombinant Protein
Immunogen Species	Gallus gallus (Chicken)
Purity	≥85% (SDS-PAGE)
Sequence	MYNMMETELK PPAPQQTSGG GTGNSNSAAN NQKNSPDRVK RPMNAFMVWS RGQRRKMAQE NPKMHNSEIS KRLGAEWKLL SEAEKRPFID EAKRLRALHM KEHPDYKYRP RRKTKTLMKK DKYTLPGGLL APGTNTMTTG VGVGATLGAG VNQRMDSYAH MNGWTNGGYG MMQEQLGYPQ HPGLNAHNAA QMQPMHRYDV SALQYNSMTS SQTYMNGSPT YSMSYSQQGT PGMALGSMGS VVKTESSSSP PVVTSSSHSR APCQAGDLRD MISMYLPGAE VPEPAAPSRL HMSQHYQSAP VPGTAINGTL PLSHM
Source	Mammalian cell
Target Names	SOX2
Protein Names	Recommended name: Transcription factor SOX-2 Short name= cSox2 Alternative name(s): delta EF2a
Expression Region	1-315
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 SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT).
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.