Recombinant Human Transcription factor SOX-1 (SOX1)

Product Code	CSB-EP022417HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00570
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MYSMMMETDL HSPGGAQAPT NLSGPAGAGG GGGGGGGGGG GGGAKANQDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK VMSEAEKRPF IDEAKRLRAL HMKEHPDYKY RPRRKTKTLL KKDKYSLAGG LLAAGAGGGG AAVAMGVGVG VGAAAVGQRL ESPGGAAGGG YAHVNGWANG AYPGSVAAAA AAAAMMQEAQ LAYGQHPGAG GAHPHAHPAH PHPHHPHAHP HNPQPMHRYD MGALQYSPIS NSQGYMSASP SGYGGLPYGA AAAAAAAAGG AHQNSAVAAA AAAAAASSGA LGALGSLVKS EPSGSPPAPA HSRAPCPGDL REMISMYLPA GEGGDPAAAA AAAAQSRLHS LPQHYQGAGA GVNGTVPLTH I
Source	E.coli
Target Names	SOX1
Protein Names	Recommended name: Transcription factor SOX-1
Expression Region	1-391
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.