



Recombinant Human Transcription factor SOX-18 (SOX18)

Product Code	CSB-MP022425HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P35713
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MQRSPPGYGA QDDPPARRDC AWAPGHGAAA DTRGLAAGPA ALAAPAAPAS PPSPQRSPPR SPEPGRYGLS PAGRGERQAA DESRIRRPMM AFMVWAKDER KRLAQQNPDL HNAVLSKMLG KAWKELNAAE KRPFVEEAER LRVQHLDHP NYKYRPRRKK QARKARLEP GLLLPLGLAPP QPPPEFPAA SGSARAFREL PPLGAEFDGL GLPTPERSPL DGLEPGEAAF FPPAAPEDC ALRPFRAPYA PTELSRDPPG CYGAPLAEAL RTAPPAAPLA GLYYGTLGTP GPYPGPLSPP PEAPPLESAE PLGPAADLWA DVDLTFDQY LNCSRTRPDA PGLPYHVALA KLGPRAMSCP EESSLISALS DASSAVYYSA CISG
Source	Mammalian cell
Target Names	SOX18
Protein Names	Recommended name: Transcription factor SOX-18
Expression Region	1-384
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 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 regulator after forming a protein complex with other proteins. This protein plays a role in hair, blood vessel, and lymphatic vessel development. Mutations in this gene have been associated with recessive and dominant forms of hypotrichosis-lymphedema-telangiectasia.
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.