



Recombinant Human Transcription factor SOX-10 (SOX10)

Product Code	CSB-MP022418HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P56693
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAEEQDLSEV ELSPVGSEEP RCLSPGSAPS LGPDGGGGGS GLRASPGE LGKVKKEQQD GEADDDKFPV CIREAVSQVL SGYDWTLVPM PVRVNGASKS KPHVKRPMNA FMVWAQAARR KLADQYPHLH NAELSKTLGK LWRLNESDK RPFIEEAERL RMQHKKDHPD YKYQPRRRKN GKAAQGEAEC PGGEAEQGGT AAIQAHYKSA HLDHRHPGEG SPMSDGNPEH PSGQSHGPPT PPTTPKTELQ SGKADPKRDG RSMGEGGKPH IDFGNVDIGE ISHEVMSNME TFDVAELDQY LPPNGHPGHV SSYSAAGYGL GSALAVASGH SAWISKPPGV ALPTVSPPGV DAKAQKTET AGPQGPPHYT DQPSTSQIAY TSLSLPHYGS AFPSISRPFQ DYSDHQPSGP YYGHSGQASG LYSAFSYMGP SQRPLYTAIS DPSPSGPQSH SPTHWEQPVY TTLSRP
Source	Mammalian cell
Target Names	SOX10
Protein Names	Recommended name: Transcription factor SOX-10
Expression Region	1-466
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 activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease.
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.