



Recombinant Human Transcription factor SOX-5 (SOX5)

Product Code	CSB-EP022432HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P35711
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MLTDPDLPQE FERMSSKRPA SPYGEADGEV AMVTSRQKVE EEESDGLPAF HLPLHVSFPN KPHSEEFQPV SLLTQETCGH RTPTSQHNMTM EVDGNKVMSS FAPHNSSTSP QKAEEGGRQS GESLSSTALG TPERRKGS LA DVVDTLKQRK MEELIKNEPE ETPSIEKLLS KDWKDKLLAM GSGNFGEIKG TPESLAEKER QLMGMINQLT SLREQLLAH DEQKLAASQ IEKQRQQMEL AKQQQEQUIAR QQQQLLQQQH KINLLQQQIQ VQGQLPPLMI PVFPPDQRTL AAAAQQGFLL PPGFSYKAGC SDPYPVQLIP TTMAAAAAAT PGLGPLQLQQ LYAAQLAAMQ VSPGGKLPGI PQQNLGAAVS PTSIHTDKST NSPPPKSKDE VAQPLNLSAK PKTSDGKSPT SPTSPHMPAL RINSAGPLK ASVPAALASP SARVSTIGYL NDHDAVTKAI QEARQMKEQL RREQQVLDGK VAVVNSLGLN NCRTEKEKTT LESLTQQLAV KQNEEGKFSH AMMDFNLSGD SDGSAGVSES RIYRESRGRG SNEPHIKRPM NAFMVWAKDE RRKILQAFPD MHNSNISKIL GSRWKAMTNL EKQPYEEQA RLSKQHLEKY PDYKYKPRPK RTCLVDGKKL RIGEYKAIMR NRRQEMRQYF NVGQQAQIPI ATAGVVYPGA IAMAGMPSPH LPSEHSSVSS SPEPGMPVIQ STYGVKGEEP HIKEEIQ AED INGEIYDEYD EEEDDPVDY GSDSENHIAG QAN</p>
Source	E.coli
Target Names	SOX5
Protein Names	Recommended name: Transcription factor SOX-5
Expression Region	1-763
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. The encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene.



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.