



# Recombinant Human Transcription factor SOX-5 (SOX5)

<b>Product Code</b>	CSB-MP022432HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P35711
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<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 PQGNLGA AVS 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 EEEDDPDVY            GSDSENHIAG QAN</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	SOX5
<b>Protein Names</b>	Recommended name: Transcription factor SOX-5
<b>Expression Region</b>	1-763
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.



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**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.

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**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.