



# Recombinant Human T-box transcription factor TBX20 (TBX20)

<b>Product Code</b>	CSB-EP892476HU-B
<b>Abbreviation</b>	TBX20
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9UMR3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEFTASPKPQ LSSRANAFSI AALMSSGGSK EKEATENTIK PLEQFVEKSS CAQPLGELTS LDAHGEFGGG SGSSPSSSSL CTEPLIPTTP IIPSEEMAKI ACSLETKELW DKFHELGTSEM IITKSGRRMF PTIRVSFSGV DPEAKYIVLM DIVPVDNKRY RYAYHRSSWL VAGKADPPLP ARLYVHPDSP FTGEQLLKQM VSFEKVCLTN NELDQHGHI LNSMHKYQPR VHIKKKDHT ASLLNLKSEE FRTFIFPETV FTAVTAYQNN LITKLKIDSN PFAKGFDRDSS RLTDIERESV ESLIQKHSYA RSPIRTYGGE EDVLGDESQT TPNRGSFTT SDNLSLSSWV SSSSSFPGFQ HPQSLTALGT STASIATPIP HPIQGSLLPY SRLGMPLTPS AIASSMQGSG PTFPSFHMPR YHHYFQQGPY AAIQGLRHSS AVMTPFV
<b>Source</b>	E.coli
<b>Target Names</b>	TBX20
<b>Protein Names</b>	Recommended name: T-box transcription factor TBX20 Short name= T-box protein 20
<b>Expression Region</b>	1-447
<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 T-box family member. The T-box family members share a common DNA binding domain, termed the T-box, and they are transcription factors involved in the regulation of developmental processes. This gene is essential for heart development. Mutations in this gene are associated with diverse cardiac pathologies, including defects in septation, valvulogenesis and cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	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**

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