



Recombinant Human T-box transcription factor TBX6 (TBX6)

Product Code	CSB-YP023258HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95947
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MYHPRELYPS LGAGYRLGPA QPGADSSFPP ALAEGYRYPE LDTPKLDCFL SGMEAAPRTL AAHPPLPLLP PAMGTEPAPS APEALHSLPG VLSLENREL WKEFSSVGTE MIITKAGRRM FPACRVSVTG LDPEARYLFL LDVIPVDGAR YRWQGRRWEP SGKAEPRLPD RVYIHPDSPA TGAHWMRQPV SFHRVKLTNS TLDPHGHLIL HSMHKYQPRI HLVRAAQLCS QHWGGMASFR FPETTFISVT AYQNPQITQL KIAANPFAKG FRENGRNCKR ERDARVKRKL RGPEPAATEA YGSGDTPGGP CDSTLGGDIR ESDPEQAPAP GEATAAPAPL CGGPSAEAYL LHPAAFHGAP SHLPTRSPSF PEAPDSGRSA PYSAAFLELP HGSGGSGYPA APPAVPFAPH FLQGGPFPLP YTAPGGYLDV GSKPMY
Source	Yeast
Target Names	TBX6
Protein Names	Recommended name: T-box transcription factor TBX6 Short name= T-box protein 6
Expression Region	1-436
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 is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. Knockout studies in mice indicate that this gene is important for specification of paraxial mesoderm structures.
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.