



# Recombinant Human T-box transcription factor TBX6 (TBX6)

<b>Product Code</b>	CSB-MP023258HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O95947
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MYHPRELYPS LGAGYRLGPA QPGADSSFPP ALAEGYRYPE LDTPKLDCFL            SGMEAAPRTL AAHPPLPLL 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</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TBX6
<b>Protein Names</b>	Recommended name: T-box transcription factor TBX6 Short name= T-box protein 6
<b>Expression Region</b>	1-436
<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>	<p>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.</p>
<b>Reconstitution</b>	<p>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.</p>
<b>Shelf Life</b>	<p>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</p>



of lyophilized form is 12 months at -20°C/-80°C.