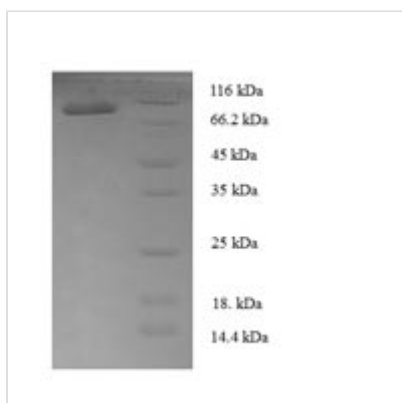




# Recombinant Human T-box transcription factor TBX18 (TBX18)

<b>Product Code</b>	CSB-EP023248HU
<b>Relevance</b>	Acts as transcriptional repressor involved in developmental processes of a variety of tissues and organs, including the heart and coronary vessels, the ureter and the vertebral column. Required for bryonic development of the sino atrial node (SAN) head area.
<b>Abbreviation</b>	Recombinant Human TBX18 protein
<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>	O95935
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MAEKRRGSPCSMLSLKAHAFSVEALIGAEKQQQLQKKRRKLGAEAAAGAVDD GGCSRGGGAGEKGSSEGDEGAALPPPAGATSGPARSGADLERGAAGGCED GFQQGASPLASPGGSPKGSPARSLARPGTLPSPQAPRVDLQGAELWKRFB EIGTEMIITKAGRRMFAMRVKISGLDPHQYYIAMDIVPVDNKRYRYVYHSSK WMVAGNADSPVPPRVYIHPDSPASGETWMRQVISFDKLKLTNNELDDQGHIL HSMHKYQPRVHVIRKDCGDDLSPKPVPSGEGVKAFFSPETVFTTVTAYQNQQ ITRLKIDRNPFAGKFRDSEGRNRMGLEALVESYAFWRPSLRTLTFEDIPGIPKQG NASSSTLLQGTGNGVPATHPHLLSGSSCSSPAFHLGPNTSQLCCLAPADYSA CARSGTLNRYSTSLAETYNRLTNQAGETFAPPRTPSYVGVSSSTSVNMSMG GTDGDTFSCPQTSLSMQISGMSPQLQYIMPSPSSNAFATNQTHQGSYNTFRL HSPCALYGYNFSTSPKLAASPEKIVSSQGSFLGSSPSGMTDRQMLPPVEGV HLLSSGGQQSFFDSRTLGLSLTLSSSQVSAHVM
<b>Research Area</b>	Transcription
<b>Source</b>	E.coli
<b>Target Names</b>	TBX18
<b>Expression Region</b>	1-607aa
<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>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	80.8kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### 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.