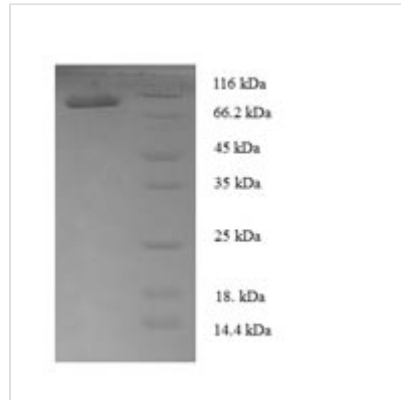




Recombinant Human T-box transcription factor TBX18 (TBX18)

Product Code	CSB-EP023248HU
Relevance	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.
Abbreviation	Recombinant Human TBX18 protein
Storage	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.
Uniprot No.	O95935
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MAEKRRGSPCSMLSLKAHAFSVEALIGAEEKQQQLQKKRRKLGAEAAAGAVDD GGCSRGGGAGEKGSSEGDEGAALPPPAGATSGPARSGADLERGAAGGCED GFQQGASPLASPGGSPKGS PARSLARPGTLPSPQAPRVDLQGAELWKRFB EIGTEMIITKAGRRMFPAMRVKISGLDPHQYYIAMDIVVDNKRYRYVYHSSK WMVAGNADSPVPPRVYIHPDSPASGETWMRQVISFDKLLKLTNNELDDQGHIL HSMHKYQPRVHVIRKDCGDDLSPKIPVPSGEGVKAFSFPETVFTTVTAYQNQQ ITRLKIDRNPFAGFRDSEGRNRMGLEALVESYAFWRPSLRTLTFEDIPGIPKQG NASSSTLLQGTGNGVPATHPHLLSGSSCSPAFHLGPNTSQLCCLAPADYSA CARSGTLNRYSTSLAETYNRLTNQAGETFAPPRTPSYVGVSSSTSVNMSMG GTDGDTFSCPQTSLSMQISGMSPQLQYIMPSPSSNAFATNQTHQGSYNTFRL HSPCALYGYNFSTSPKLAASPEKIVSSQGSFLGSSPSGMTDRQMLPPVEGV HLLSSGGQQSFFDSRTLGLSLTLSSSQVSAHMV
Research Area	Transcription
Source	E.coli
Target Names	TBX18
Expression Region	1-607aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	80.8kDa
Protein Length	Full Length
Image	



(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

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