



Recombinant Mouse T-box transcription factor TBX2 (Tbx2)

Product Code	CSB-YP730653MO
Abbreviation	Tbx2
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.	Q60707
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MREPALAASA MAYHPFHAPR PADFPMSAFL AAAQPSFFPA LALPPGALGK PLPDPGLAGA AAAAAAAAAA AEAGLHVSAL GPHPPAAHLR SLKSLEPEDE VEDDPKVTLE AKELWDQFHK LGTEMVITKS GRRMFPPFKV RVSGLDKKAK YILLMDIVAA DDCRYKFHNS RWMVAGKADP EMPKRMYPH DSPATGEQWM AKPVAFHKLK LTNNISDKHG FTILNSMHKY QPRFHIVRAN DILKLPYSTF RTYVFPETDF IAVTAYQNDK ITQLKIDNNP FAKGFRDTGN GRREKRKQLT LPTLRLYEEH CKPERDGAES DASSCDPPPA REPPSPSAA PSPLRLHRAR AEEKPGAADS DPEPERTGEE RSAAPLGRSP SRDASPARLT EPERSRERRS PERCSKEPTE GGGDGPFSLR SLEKERPEAR RKDEGRKDVG EGKEPSLAPL VVQTDSASPL GAGHLPGLAF SSSLHGQQFF GPLGAGQPLF LHPGQFAMGP GAFSAMGMGH LLASVAGGSG SSGGAGPGTA AGLDAGGLGP AASAASTAAP FPFHLSQHML ASQGIPMPF GGLFPYPYTY MAAAAAASA LPATSAAAAA AAAAGSLSRS PFLGSARPRL RFSPYQIPVT IPPSTSLLTT GLAAEGSKGG NSREPSPLPE LALRKVGGPS RGALSPSGSA KEAASELQSI QRLVSGLESQ RALSPGRESK K
Source	Yeast
Target Names	Tbx2
Protein Names	Recommended name: T-box transcription factor TBX2 Short name= T-box protein 2
Expression Region	1-711
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. This



gene product is the human homolog of mouse Tbx2, and shares strong sequence similarity with Drosophila omb protein. Expression studies indicate that this gene may have a potential role in tumorigenesis as an immortalizing agent. Transcript heterogeneity due to alternative polyadenylation has been noted for this gene.

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.