



Recombinant Mouse T-box transcription factor TBX3 (Tbx3)

Product Code	CSB-YP023255MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70324
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	<p>MSLSMRDPVIPGTSMAYHPFLPHRAPDFAMSAVLGHQPPFFPALTLPNGAA ALSLPGAL AKPIMDQLVGAAETGIPFSSLGPQAHLRPLKTMEPEEDVEDDPKVHLEAKELW DQFHKRG TEMVITKSGRRMFPPFKVRCGLDKKAKYILLMDIIAADDCRYKFHNSRWMVA GKADPEM PKRMYIHPDSPATGEQWMSKVVTFHKLKLTNNISDKHGFTLAFPSDHATWQG NYSFGTQT ILNSMHKYQPRFHIVRANDILKLPYSTFRTYLFPETEFIAVTAYQNDKITQLKIDN NPFA KGFRDTGNGRREKRKQLTLQSMRVFEERHKKETSDESSEQAAFNCFAQAS SPAVSIVGT SNLKDLCPSEAEADAEESKEEHGPEACDAAKISTTTAEPPGRDKGSPATRAQ LFPAEPS RARDTARLDKASPDSRHSPATISSSTRVPGADERRSPGREGPVATKVDEARAI PAKDAFA PLSVQTDATAHLAQGPLPGLGFAPGLAGQQFFNGHPLFLHPGQFAMGGAFSS MAAGMGPL LATVSGASTGVSGLESTAMASAAAQGLSGASAATLPFHLQQHVLASQGLAM SPFGSLFP YPYTYMAAAAAASTAAASSSVHRHPFLNLNSMRPRLRYSPYSIPVVPDSSSL LATALPS MASAAGPLDGKAAALAASPASVAVDSGSELNSRSSTLSSGSVSLSPKLCSEKE AATSELQ SIQRLVSGLEAKPDRSCSGSP</p>
Source	Yeast
Target Names	Tbx3
Protein Names	Recommended name: T-box transcription factor TBX3 Short name= T-box protein 3
Expression Region	1-741
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	<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. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined.</p>
Reconstitution	<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>
Shelf Life	<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 of lyophilized form is 12 months at -20°C/-80°C.</p>