



# Recombinant Mouse T-box transcription factor TBX3 (Tbx3)

<b>Product Code</b>	CSB-EP023255MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P70324
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MSLSMRDPVIPGTSMAYHPFLPHRAPDFAMSAVLGHQPPFFPALTLPNGAA          ALSLPGAL          AKPIMDQLVGAAETGIPFSSLGPQAHLRPLKTMEPEEDVEDDPKVHLEAKELW          DQFHKRG          TEMVITKSGRRMFPPFKVRCGLDKKAKYILLMDIIAADDCRYKFHNSRWMVA          GKADPEM          PKRMYIHPDSPATGEQWMSKVVTFHKLKLTNNISDKHGFTLAFPSDHATWQG          NYSFGTQT          ILNSMHKYQPRFHIVRANDILKLPYSTFRTYLFPETEFIAVTAYQNDKITQLKIDN          NPFA          KGFRDTGNGRREKRKQLTLQSMRVFEERHKKETSDESSEQAAFNCFAQAS          SPAVSIVGT          SNLKDLCPSEAEAEESKEEHGPEACDAAKISTTTAEPPGRDKGSPATRAQ          LFPAEPS          RARDTARLDKASPDSRHSPATISSSTRVPGADERRSPGREGPVATKVDEARAI          PAKDAFA          PLSVQTDATAHLAQGPLPGLGFAPGLAGQQFFNGHPLFLHPGQFAMGGAFSS          MAAGMGPL          LATVSGASTGVSGLESTAMASAAAQGLSGASAATLPFHLQQHV LASQGLAM          SPFGSLFP          YPYTYMAAAAAASTAAASSSVHRHPFLNLNSMRPRLRYSPYSIPVVPDSSSL          LATALPS          MASAAGPLDGKAAALAASPASVAVDSGSELNSRSSTLSSGSVSLSPKLCSEKE          AATSELQ SIQRLVSGLEAKPDRSCSGSP</p>
<b>Source</b>	E.coli
<b>Target Names</b>	Tbx3
<b>Protein Names</b>	Recommended name: T-box transcription factor TBX3 Short name= T-box protein 3
<b>Expression Region</b>	1-741
<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. 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>
<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 of lyophilized form is 12 months at -20°C/-80°C.</p>