

## Product datasheet for **TP306829**

### **TBX3 (NM\_016569) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human T-box 3 (TBX3), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206829 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSLSMRDPVIPGTSMAYHPFLPHRAPDFAMSAVLGHQPPFFPALTLPNGAAALSLPGALAKPIMDQLVG  
AAETGIPFSSLGPQAHLRPLKTMPEEEEEVEDDPKVHLEAKELWDQFHKRGTEMVITKSGRRMFPPFKVRC  
SGLDKKAKYILLMDIIAADDCRYKFHNSRWMVAGKADPEMPKRMYPHPDSPATGEQWMSKVWTFHKLKL  
NNISDKHGFTLAFPSDHATWQGNYSFGTQILNSMHKYQPRFHIVRANDILKLPYSTFRTYLFPETEFIA  
VTAYQNDKITQLKIDNPFKAGFRDTGNRREKRKQLTLQSMRVFDERHKKENGTSDSSSEQAAFNCFA  
QASSPAASTVGTSNLKDLCPEGESDAEAEESKEEHGPEACDAAKISTTTSEPCRDKGSPAVKAHLFAAE  
RPRDSGRDLKASPDSRHSPATISSSTRGLGAEERRSPVREGTAPAKVEEARALPGKEAFAPLTVQTDAAA  
AHLAQGPLPGLGFAPGLAGQOFFNGHPLFLHPSQFAMGGAFSSMAAAGMGPLLATVSGASTGVSGLDSTA  
MASAAAQGLSGASAATLPFHLQQHVLASQGLAMSPFGSLFPYPYTYMAAAAAASSAAASSSVHRHPFLN  
LNTMRPRLRYPYSIPVVPDGSLLTTALPSMAAAGPLDGKVAALAASPASVAVDGSELNSRSSTLS  
SSSMSLSPKLCAEKEAATSELQSIQRLVSGLEAKPDRSRASAP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

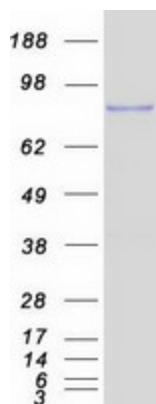
Tag:	C-Myc/DDK
Predicted MW:	79.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_057653</a>
<b>Locus ID:</b>	6926
<b>UniProt ID:</b>	<a href="#">O15119</a> , <a href="#">A0A024RBL6</a>
<b>RefSeq Size:</b>	4814
<b>Cytogenetics:</b>	12q24.21
<b>RefSeq ORF:</b>	2229
<b>Synonyms:</b>	TBX3-ISO; UMS; XHL
<b>Summary:</b>	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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified TBX3 protein (Cat# TP306829). The protein was produced from HEK293T cells transfected with TBX3 cDNA clone (Cat# [RC206829]) using MegaTran 2.0 (Cat# [TT210002]).