

Product datasheet for **TP320990L**

TBX3 (NM_005996) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human T-box 3 (TBX3), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220990 representing NM_005996 Red =Cloning site Green =Tags(s)

MSLSMRDPVIPGTSMAYHPFLPHRAPDFAMSAVLGHQPPFFPALTLPNGAAALSLPGALAKPIMDQLVG
AAETGIPFSSSLGPQAHRLPLKTMPEEEEEVEDDPKVHLEAKELWDQFHKRGTEMVITKSGRRMFPPFKVRC
SGLDKKAKYILLMDIIAADDCRYKFHNSRWMVAGKADPEMPKRMYYHPDSPATGEQWMSKVTFHKLKLT
NNISDKHGFILNSMHKYQPRFHIVRANDILKLPYSTFRTYLFPETEFIAVTAYQNDKITQLKIDNNPFA
KGFRTDGNRRERKRKQLTLQSMRVFDERHKKENGTSDESSEQAAFNCFAQASSPAASTVGTSNLKDLCPL
SEGESDAEAEESKEEHGPEACDAAKISTTTSEPCRDKGSPAVKAHLFAAERPRDSGRDKASPDSRHSPA
TISSSTRGLGAEERRSPVREGTAPAKVEEARALPGKEAFAPLTVQTDAAAHAHQPLPGLGFAPGLAGQ
QFFNGHPLFLHPSQFAMGGAFSSMAAAGMPLLATVSGASTGVSGLDSTAMASAAAQGLSGASAATLPF
HLQQHVLASQGLAMSPFGSLFPYPYTYMAAAAAASSAAASSSVHRHFPFLNLTMRPRLRYSPYSIPVVPV
DGSSLLTTALPSMAAAGPLDGKVAALAASPASVAVDSGSELNSRSSTLSSSSMSLSPKLCAEKEAATSE
LQSIQRLVSGLEAKPDRSRASP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	77 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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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_005987](#)

Locus ID: 6926

UniProt ID: [O15119](#), [A0A024RBQ4](#)

RefSeq Size: 4754

Cytogenetics: 12q24.21

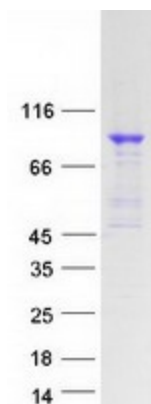
RefSeq ORF: 2169

Synonyms: TBX3-ISO; UMS; XHL

Summary: 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]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified TBX3 protein (Cat# [TP320990]). The protein was produced from HEK293T cells transfected with TBX3 cDNA clone (Cat# [RC220990]) using MegaTran 2.0 (Cat# [TT210002]).