

Product datasheet for PH320990

TBX3 (NM_005996) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBX3 MS Standard C13 and N15-labeled recombinant protein (NP_005987)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220990
Predicted MW:	77 kDa
Protein Sequence:	>RC220990 representing NM_005996 Red=Cloning site Green=Tags(s)
	MSLSMRDPVIPGTSMAYPHFLPHRAPDFAMSAVLGHQPPFFPALTLPPNGAAALSLPGALAKPIMDQLVG AAETGIPFSSSLGPQHLRPLKTEPEEEVEDDPKVHLEAKELWDQFHKRGTEMVITKSGRRMFPPFKVRC SGLDKKAKYILLMDIIAADDRCRYKFHNSRWMVAGKADPEMPKRMYPHPDSPATGEQWMSKVVTFHKLKLT NNISDKHGFTILNSMHKYQPRFHIVRANDILKLPYSTFRTYLFPETEFIAVTAYQNDKITQLKIDNNPFA KGFRTDNGRREKRKQLTLQSMRVFDERHKKENGTSDESSEQAAFNCFQAQASSPAASTVGTSNLKDLC SEGESDAEAEESKEEHGPEACDAAKISTTTSEPCRDKGSPAVKAHLFAAERPRDSGRLDKASPDSRHSPA TISSTRGLGAEERRSPVREGTAPAKVEEARALPGKEAFAPLTVQTDAAAHLAQGPLPGLGFAPGLAGQ QFFNGHPLFLHPSQFAMGGAFSSMAAAGMGPLLATVSGASTGVSGLDSTAMASAAAQGLSGASAATLPP HLQQHVLASQGLAMSPFGSLFPYPYTYMAAAAAASSAAAASSVHRHPFLNLTMRPRLRYPYSIPVPVP DGSLLTTALPSMAAAGPLDGKVAALAASPASVAVDSGSELNSRSSTLSSSSMSLSPKLCAEKEAATSE LQSIQRLVSGLEAKPDRSRSASP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005987</u>



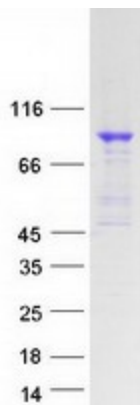
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RefSeq Size:	4754
RefSeq ORF:	2169
Synonyms:	TBX3-ISO; UMS; XHL
Locus ID:	6926
UniProt ID:	O15119 , A0A024RBQ4
Cytogenetics:	12q24.21

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]).