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T-Box 5 Protein (TBX5) (Transcript Variant 1) (Myc-DYKDDDK Tag)



Image



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20 μg	
T-Box 5 (TBX5)	
Transcript Variant 1	
Human	
HEK-293 Cells	
Recombinant	
This T-Box 5 protein is labelled with Myc-DYKDDDDK Tag.	
Antibody Production (AbP), Standard (STD)	
 Recombinant human TBX5 (transcript variant 1) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone 	
> 80 % as determined by SDS-PAGE and Coomassie blue staining	
T-Box 5 (TBX5)	
Tbx5 (TBX5 Products)	
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 gene is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a	

Target Details

role in heart development and specification of limb identity. Mutations in this gene have been
associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper
limbs. Several transcript variants encoding different isoforms have been described for this
gene.

Molecular Weight: 57.5 kDa

NCBI Accession: NP_000183

Application Details

Application Notes:	Recombinant human proteins can be used for:	
	Native antigens for optimized antibody production	
	Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	

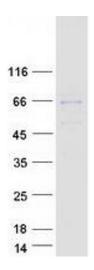
For Research Use only

Handling

Restrictions:

Concentration:	50 μg/mL	
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.	
Storage:	-80 °C	
Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.		

Images



Western Blotting

Image 1. Validation with Western Blot