

Product datasheet for **TP527369**

Tbx5 (NM_011537) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse T-box 5 (Tbx5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR227369 representing NM_011537
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MADTDEGFLARTPLEPDSKDRSCDSKPESALGAPSKSPSSPQAAFTQQGMEGIKVFLLHERELWLKFHEV
GTEMIITKAGRRMFPSYKVKVTGLNPKTKYILLMDIVPADDHRYKFADNKWSVTGKAEPAMPGRLYVHPD
SPATGAHWMRQLVSFQKLKLTNNHLDPFGHIILNSMHKYQPRHLHIVKADENNGFGSKNTAFCTHVPETA
FIAVTSYQNHKITQLKIENNPFAKGFRGSDDLHLHRMSRMQSKEYPVVPRSTVRHKVTSNHSPFSSETRA
LSTSSNLGSQYQCENGVSGPSQDLLPPPNPYPLAQEHSQIYHCTKRKDEECSSTEHPYKKPYMETSPSEE
DTFYRSGYPQQQLSTSYRTESAQRQACMYASSAPPSEVPSPLEDISCNTWPSMPSYSSCTVTTVQPMDR
LPYQHFAHFTSGPLVPRLAGMANHGSPQLGEGMFQHQTSAVHQPVVRQCQPQTGLQSPGGLQPPEFLYT
HGVPRTLSPHQYHSVHGVGMVPEWSENS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	58.3 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
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 after receiving vials.
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_035667



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Locus ID: 21388

UniProt ID: [P70326](#), [Q5CZX7](#)

RefSeq Size: 3941

Cytogenetics: 5 60.42 cM

RefSeq ORF: 1554

Summary: DNA-binding protein that regulates the transcription of several genes and is involved in heart development and limb pattern formation. Binds to the core DNA motif of NPPA promoter. [UniProtKB/Swiss-Prot Function]