

Recombinant Mouse Tbx5 Protein, Myc/DDK-tagged

Cat. No. Tbx5-6323M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length T-box 5 (Tbx5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	58.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Gene Name	Tbx5 T-box 5 [Mus musculus (house mouse)]
Official Symbol	Tbx5
Synonyms	TBX5; T-box 5; T-box transcription factor TBX5; T-box protein 5
Gene ID	21388
mRNA Refseq	NM_011537
Protein Refseq	NP_035667
UniProt ID	P70326

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