

Product datasheet for **TP312862**

TBX10 (NM_005995) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human T-box 10 (TBX10), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212862 protein sequence Red =Cloning site Green =Tags(s)

MAAFLSAGLGILAPSETYPLPTTSSGWEPRLGSPFPSPGCTSSSTGAQAVAAPTGGQPKNPRVSRVTVQLE
MKPLWEEFNQLGTEMIVTKAGRRMFPPFQVKILGMDSLADYALLMDFIPLDDKRYRYAFHSSAWLVAGKA
DPATPGRVHFHPDSPAQWMRQIVSFDKLLKLTNNLLDDNGHIILNSMHRYPFRHVVFVDPRKDSERY
AQENFKSFIFTETQFTAVTAYQNHRTQLKIASNPFKGFRESLDLSDWPVAPRPLLSVPARSHSSLSPCV
LKGATDREKDPNKASASTSKTPAWLHHQLLPPPEVLLAPATYRPVYQSLYSGAPSHLGIPTTRPAPYPL
PNIRARDQGGGLPLPAGLGLLSPTVCLGPGQDSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	42.2 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.
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_005986
Locus ID:	347853



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UniProt ID: [O75333](#)

RefSeq Size: 1557

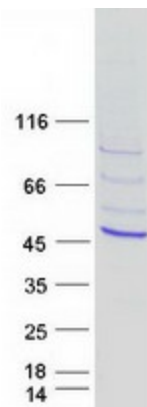
Cytogenetics: 11q13.2

RefSeq ORF: 1155

Synonyms: TBX7; TBX13

Summary: This gene encodes a member of the T-box family of transcription factors. These transcription factors share a DNA-binding domain called the T-box, and play a role in several developmental processes including early embryonic cell fate and organogenesis. The encoded protein is a member of the T-box 1 subfamily. Mutations in this gene are thought to be a cause of isolated cleft lip with or without cleft palate. [provided by RefSeq, Nov 2010]

Product images:



Coomassie blue staining of purified TBX10 protein (Cat# TP312862). The protein was produced from HEK293T cells transfected with TBX10 cDNA clone (Cat# [RC212862]) using MegaTran 2.0 (Cat# [TT210002]).