

Product datasheet for **TP312862M**

TBX10 (NM_005995) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human T-box 10 (TBX10), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC212862 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAFLSAGLGILAPSETYPLPTTSSGWEPRLGSPFPGPCTSSSTGAQAVAEPTGQGPKNPRVSRVTQLE
MKPLWEEFNQLGTEMIVTKAGRRMFPPFQVKILGMDSLADYALLMDFIPLDDKRYRYAFHSSAWLVAGK
A
DPATPGRVHFHPDSPAQGAQWMRQIVSFDKLKLTNNLLDDNGHIILNSMHRYQPRFHVVFVDPRKDSER
Y
AQENFKSFIFTETQFTAVTAYQNHRTQLKIASNPFAGKFRESLDLSDWPVAPRPLLSVPARSHSSLSPCV
LKGATDREKDPNKASASTSKTPAWLHHQLPPPEVLLAPATYRPVTYQSLYSGAPSHLGIPTRPAPYPL
PNIRADRDQGGGLPLPAGLGLLSPTVCLGPGQDSQ

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.



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RefSeq: [NP_005986](#)

Locus ID: 347853

UniProt ID: [O75333](#)

RefSeq Size: 1557

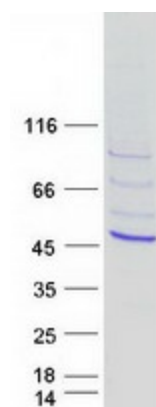
Cytogenetics: 11q13.2

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]).