

Product datasheet for PH312862

TBX10 (NM_005995) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBX10 MS Standard C13 and N15-labeled recombinant protein (NP_005986)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212862
Predicted MW:	42.3 kDa
Protein Sequence:	>RC212862 protein sequence Red =Cloning site Green =Tags(s)

MAAFLSAGLGILAPSETYPLPTTSSGWEPRLGSPFSGPCTSSSTAQAQVAEPTGQGPKNPRVSRVTVQLE
 MKPLWEEFNQLGTEMIIVTKAGRRMFPPFQVKILGMDSLADYALLMDFIPLDDKRYRYAFHSSAWLVAGKA
 DPATPGRVHFHPDSPAKGAQWMRQIVSFDKLLTNLLDDNGHIILNSMHRYQPRFHVVFVDPKDSERY
 AQENFKSFIFTETQFTAVTAYQNHRITQLKIASNPFAGKFRESDLDSWPVAPRPLLSVPARSHSSLSPCV
 LKGATDREKDPNKASASTSKTPAWLHHQLLPPEVLLAPATYRPVTYQSLYSGAPSHLGIPRTRPAPYPL
 PNIRADRDQGGGLPLPAGLGLLSPTVVCLGPGQDSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005986</u>
RefSeq Size:	1557
RefSeq ORF:	1155
Synonyms:	TBX7; TBX13
Locus ID:	347853

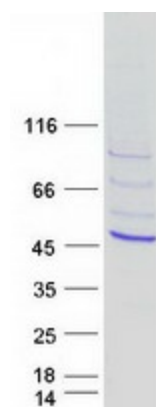

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UniProt ID: [O75333](#)

Cytogenetics: 11q13.2

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]).