

Recombinant Human TBXT Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBXT-6353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	T MS Standard C13 and N15-labeled recombinant protein (NP_003172) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an embryonic nuclear transcription factor that binds to a specific DNA element, the palindromic T-site. It binds through a region in its N-terminus, called the T-box, and effects transcription of genes required for mesoderm formation and differentiation. The protein is localized to notochord-derived cells. Variation in this gene was associated with susceptibility to neural tube defects and chordoma. A mutation in this gene was found in a family with sacral agenesis with vertebral anomalies.
Molecular Mass	47.3 kDa
AA Sequence	MSSPGTESAGKSLQYRVDHLLSAVENELQAGSEKGDPTERELRVGLEESELWLRFK ELTNEMIVTKNGRRMFPVLKVNVSGLDPNAMYSFLLDFVAADNHRWKYVNGEWVP GGKPEPQAPSCVYIHPDSPNFGAHWMKAPVSFSKVKLTKNLNGGGQIMLNSLHKYE PRIHIVRVGGPQRMITSHCFPETQFIAVTAYQNEEITALKIKYNPFAKAFLDAKERSDH KEMMEEPGDSQQPGYSQSGGWLLPGTSTLCPPANPHPQFGGALSLPSTHSCDRY PTLRSHRSPYPSPYAHNRNNSPTYSDNSPACLSMLQSHDNWSSLGMPAHPSMLPV

 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

SHNASPPTSSSQYPSLWSVSNGAVTPGSQAAAVSNGLGAQFFRGSPAHTPLTHP
VSAPSSSGSPLYEGAAAATDIVDSQYDAAAQGRLIASWTPVSPPSMTRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TBXT T-box transcription factor T [Homo sapiens (human)]

Official Symbol TBXT

Synonyms TBXT; T-box transcription factor T; T; TFT; SAVA; T-box transcription factor T; T brachyury transcription factor; T, brachyury homolog; brachyury protein; protein T

Gene ID 6862

mRNA Refseq NM_003181

Protein Refseq NP_003172

MIM 601397

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

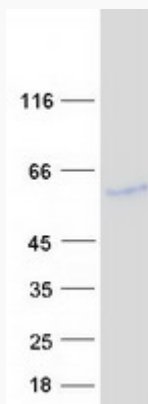
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

UniProt ID

O15178

SDS-PAGE

 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