

Recombinant Human TBX3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBX3-4867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TBX3 MS Standard C13 and N15-labeled recombinant protein (NP_005987) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms; however, the full length nature of one variant has not been determined.
Molecular Mass	77 kDa
AA Sequence	MSLSMRDPVIPGTSMAYHPFLPHRAPDFAMSAVLGHQPPFFPALTLPPNGAAALSL PGALAKPIMDQLVGAAETGIPFSSLGPQAHLRPLKTMEPEEEVEDDPKVHLEAKELW DQFHKRGTEMVITKSGRRMFPPFKVRCGLDKKAKYILLMDIIAADDCRYKFHNSRW MVAGKADPEMPKRMYIHPDSPATGEQWMSKVVFHKLKLTNNISDKHGFTILNSMH KYQPRFHIVRANDILKLPYSTFRTYLFPETEFIAVTAYQNDKITQLKIDNNPFAKGRD

 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

TGNGRREKRKQLTLQSMRVFDERHKKENGTSDESSSEQAAFNCFAQASSPAASTV
 GTSNLKDLCPSEGESDAEAEESKEEHGPEACDAAKISTTTSEEPKCRDKGSPAVKAHL
 FAAERPRDSGRDLKASPDSRHSPATISSSTRGLGAEERRSPVREGTAPAKVEEARA
 LPGKEAFAPLTVQTDAAAHLAQGPLPLGLGFAPGLAGQQFFNGHPLFLHPSQFAMG
 GAFSSMAAAGMGPLLATVSGASTGVSGLDSTAMASAAAAQGLSGASAATLPFHLQ
 QHVLASQGLAMSPFGSLFPYPYTYMAAAAAASSAAASSSVHRHPFLNLNTMRPLR
 YSPYSIPVVPDGSLLTTALPSMAAAAGPLDGKVAALAASPASVAVDSGSELNSRS
 STLSSSSMSLSPKLCAEKEAATSELQSIQRLVSGLEAKPDRSRASPTRTRPLEQKLI
 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 TBX3 T-box 3 [[Homo sapiens \(human\)](#)]

Official Symbol [TBX3](#)

Synonyms TBX3; T-box 3; ulnar mammary syndrome, UMS; T-box transcription factor TBX3; TBX3 ISO; XHL; T-box protein 3; bladder cancer related protein XHL; UMS; TBX3-ISO;

 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 ID 6926

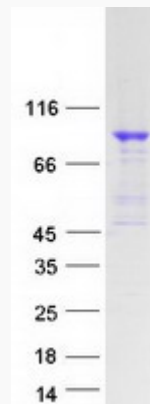
mRNA Refseq NM_005996

Protein Refseq NP_005987

MIM 601621

UniProt ID O15119

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