

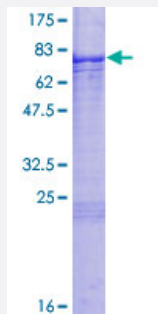
Full-Length

TBX6 (Human) Recombinant Protein (P01)

Catalog # H00006911-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TBX6 full-length ORF (NP_004599.2, 1 a.a. - 436 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MYHPRELYPSLGAGYRLGPAQPGADSSFPPALAEGYRYPELDTPKLDCFLSGMEAAPRTLAHP
PLPLLPPAMGTEPAPSAPEALHSLPGVLSLENRELWKEFSSVGTEMITKAGRRMFACRVSVT
GLDPEARYLFLLDVIPVDGARYRWQRRWEPGKAEPRLPDRVYIHPDSPATGAHWMRQPVSF
HRVKLTNSTLDPHGHILHSMHKYQPRIHLVRAAQLCSQHWGGMASFRFPETTFISVTAYQNPQIT
QLKIAANPFAKGFRENGRCKRERDARVKRKLRGPEPAATEAYGSGDTPGGPCDSTLGGDIRES
DPEQAPAPGEATAAPAPLCGGPSAEAYLLHPAAFHGAAPSHLPTRSPSFPEAPDSGRSAPYSAA
FLELPHGSGGSGYPAAPPVFPFAPHFLQGGPFPLPYTAPGGYLDVGSKPMY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TBX6

Entrez GeneID [6911](#)

GeneBank Accession# [NM_004608.2](#)

Protein Accession# [NP_004599.2](#)

Gene Name TBX6

Gene Alias DFNB67

Gene Description T-box 6

Omim ID [602427](#) [610265](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Knockout studies in mice indicate that this gene is important for specification of paraxial mesoderm structures. [provided by RefSeq]

Other Designations OTTHUMP00000162995

Disease

- [Genetic Predisposition to Disease](#)
- [Scoliosis](#)