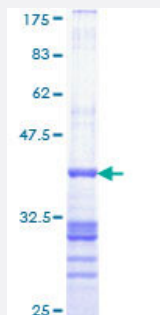


TBX22 (Human) Recombinant Protein (Q01)

Catalog # H00050945-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TBX22 partial ORF (NP_058650, 431 a.a. - 519 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DQYLQAPNSTNQMLYGLQSPGNIFLPNSITPEALSCSFHPSYDFYRYNFSMP SRLISGSNHLKVND DSQVSFGEGKCNHVHWYPAINHY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (72); Rat (73)
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 — TBX22

Entrez GeneID [50945](#)

GeneBank Accession# [NM_016954](#)

Protein Accession# [NP_058650](#)

Gene Name TBX22

Gene Alias CLPA, TBXX, dJ795G23.1

Gene Description T-box 22

Omim ID [300307](#) [303400](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of a phylogenetically conserved family of genes that share a common DN A-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. Mutations in this gene have been associated with the inherited X-linked disorder, Cleft palate with ankyloglossia, and it is believed to play a major role in human palatogenesis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000023602|OTTHUMP00000023603|OTTHUMP00000023604

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)