

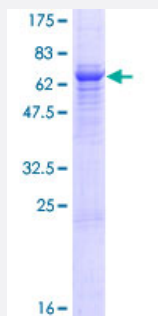
Full-Length

TPBG (Human) Recombinant Protein (P01)

Catalog # H00007162-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TPBG full-length ORF (NP_006661.1, 1 a.a. - 420 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPGGCSRGAAGDGRLRLARLALVLLGWVSSSSPTSSASSFSSSAPFLASAVSAQPPLPDQCP
ALCECSEAARTVKCVNRNLTEVPTDLPAYVRNFLTGNQLAVLPAGAFARRPPLAELAALNLSGS
RLDEVRAFAFEHLPSLRQLDL SHNPLADLSPFAFSGSNASVSAPSPLVELILNHVPPEDERQNR
SFEGMVVAALLAGRALQGLRRLELASNHFLYLPRDVLAQLPSLRHLDLSNNSLVSLTYVSFRNLTH
LESLHLEDNALKVLHNGTLAELQGLPHIRVFLDNNPWVCDCHMADMVTWLKETEVVQGKDRLTC
AYPEKMRNRVLELNSADLDCDPIPPSLQTSYVFLGVLALIGAIFLLVLYLNRKGIKKWMHNIRDA
CRDHMEGYHYRYEINADPRLTNLSSNSDV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.4

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 — TPBG

Entrez GeneID	7162
GeneBank Accession#	NM_006670.3
Protein Accession#	NP_006661.1
Gene Name	TPBG
Gene Alias	5T4, 5T4-AG, M6P1
Gene Description	trophoblast glycoprotein
Omim ID	190920
Gene Ontology	Hyperlink
Other Designations	5T4 oncofetal trophoblast glycoprotein 5T4-antigen OTTHUMP00000016786