

Recombinant Human TPBG protein, His-tagged

Cat. No. TPBG-2366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPBG protein(Met1-Ser355), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser355
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant Human TPBG consists of 328 amino acids and predicts a molecular mass of 36.15 kDa. It migrates as an approximately 62.88 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TPBG trophoblast glycoprotein [Homo sapiens]

Official Symbol TPBG

Synonyms TPBG; trophoblast glycoprotein; 5T4; 5T4 AG; 5T4 oncofetal antigen; 5T4 oncotrophoblast glycoprotein; 5T4 oncofetal trophoblast glycoprotein; M6P1; 5T4AG;

Gene ID 7162

mRNA Refseq NM_001166392

Protein Refseq NP_001159864

MIM 190920

UniProt ID Q13641

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