

# Recombinant Human TPBG(Ser32-Ser355) Protein, C-mFc-tagged

Cat. No. TPBG-30H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TPBG(Q13641)(Ser32-Ser355) Protein, fused with a mFc tag at the C-terminus , was produced in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	32-355 a.a.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Molecular Mass</b>	The recombinant Human TPBG Protein has a predicted molecular mass of 61.7kDa , it migrates with an apparent molecular mass of 80-110kDa under reducing conditions.
<b>AA Sequence</b>	Ser32-Ser355
<b>Endotoxin</b>	< 0.01 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Storage</b>	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 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping** In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.  
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## 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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