

Recombinant Mouse TPBG protein(Met1-Ser361), hFc-tagged

Cat. No. TPBG-1351M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TPBG (NP_001158264.1) (Met1-Ser361) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser361
Form	Lyophilized from sterile PBS, pH7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Mouse TPBG consists of 568 amino acids and predicts a molecular mass of 62.5 kDa. It migRates as an approximately 96.2 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Tpbg trophoblast glycoprotein [<i>Mus musculus</i>]
Official Symbol	TPBG
Synonyms	TPBG; trophoblast glycoprotein; 5T4 oncofetal antigen; 5T4 oncotrophoblast glycoprotein; 5T4 oncofetal trophoblast glycoprotein; 5T4; AW495680;
Gene ID	21983
mRNA Refseq	NM_001164792
Protein Refseq	NP_001158264

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