

# Recombinant Mouse TPBG(Ser32-Ser361) Protein, C-6\*His-tagged

**Cat. No.** TPBG-16M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse TPBG(Q9Z0L0)(Ser32-Ser361) Protein, fused with a 6*His tag at the C-terminus, was produced in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	32-361 a.a.
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Molecular Mass</b>	The recombinant Mouse TPBG Protein has a predicted molecular mass of 36.6kDa , it migrates with an apparent molecular mass of 50-70kDa under reducing conditions.
<b>AA Sequence</b>	Ser32-Ser361
<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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<b>Reconstitution</b>	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.
<b>Shipping</b>	<p>In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.</p> <p>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.</p>

## GENE INFORMATION

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

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