

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

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

SPECIFICATION

Product Overview	Recombinant Mouse TPBG(Q9Z0L0)(Ser32-Ser361) Protein, fused with a 6*His tag at the C-terminus, was produced in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	32-361 a.a.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Molecular Mass	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.
AA Sequence	Ser32-Ser361
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 \[Mus musculus \]](#)

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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