

Recombinant Mouse Tpbg Protein, His-tagged

Cat. No. Tpbg-469M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tpbg Protein (Ser32-Ser361) with N-His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Ser32-Ser361
Description	Acts upstream of or within several processes, including dendrite arborization; olfactory learning; and positive regulation of intracellular signal transduction. Located in several cellular components, including axon terminus; dendrite; and endoplasmic reticulum. Is expressed in several structures, including brain; epithelium; extraembryonic component; skin; and urinary system. Orthologous to human TPBG (trophoblast glycoprotein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.4 kDa Accurate Molecular Mass: 56-70 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

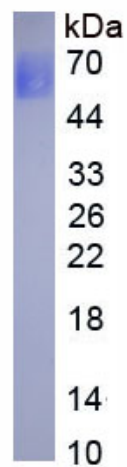
GENE INFORMATION

Gene Name	Tpbg trophoblast glycoprotein [<i>Mus musculus</i> (house mouse)]
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
UniProt ID	Q9Z0L0

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