

Recombinant Mouse Tpbg Protein, Myc/DDK-tagged

Cat. No. Tpbg-6590M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length trophoblast glycoprotein (Tpbg), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May function as an inhibitor of Wnt/beta-catenin signaling by indirectly interacting with LRP6 and blocking Wnt3a-dependent LRP6 internalization.
Molecular Mass	46.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Tpbg trophoblast glycoprotein [Mus musculus (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_011627
Protein Refseq	NP_035757
UniProt ID	Q9Z0L0

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