

## Recombinant Rat TPBG Protein (32-361 aa), His-SUMO-tagged

Cat. No. TPBG-1765R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat TPBG Protein (32-361 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	32-361 aa
<b>Description</b>	May function as an inhibitor of Wnt/beta-catenin signaling by indirectly interacting with LRP6 and blocking Wnt3a-dependent LRP6 internalization.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	51.8 kDa
<b>AA Sequence</b>	SAPSSSLPSSSTSPAFLASGSAQPPPAERCPAAECSEAARTVKCVNRNLLEVPA DLPPYVRNFLTGNQMTVLPAGAFARQPPLADLAVLNLSGNHLKEVGAGAFEHLPG LRRDLSHNPLTNLSAFTFAGSNVSVSTPSPLELILNHIVPPEDQRQNGSFEGMVAF EGMVAAALRSGALRGLHLELASNHFLYLPDLLDQLPSLKHLDLRNNSLVSLTYA SFRNLTHLES LHLEDNALKVLHNSTLAEWQGLAHVRVFLDNNPWVCD CYMADMVS WLKETEVPDKARLTCAFPEKMRNRGLDLTSSDLDCDATLPQSLQTS
<b>Purity</b>	> 90% as determined by SDS-PAGE.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products.

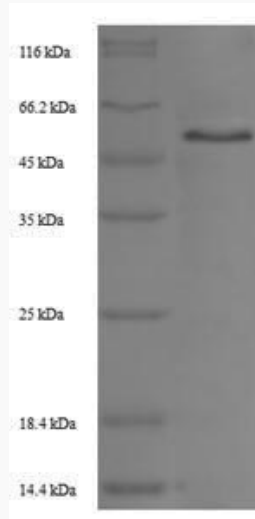
## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Tpbg trophoblast glycoprotein [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">TPBG</a>
<b>Synonyms</b>	TPBG; trophoblast glycoprotein; 5T4; MGC93332;
<b>Gene ID</b>	<a href="#">83684</a>
<b>mRNA Refseq</b>	<a href="#">NM_031807</a>
<b>Protein Refseq</b>	<a href="#">NP_113995</a>
<b>UniProt ID</b>	<a href="#">Q5PQV5</a>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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