

Product Name: Recombinant Mouse 5T4 (C-6His)
Catalog #: PHM2120

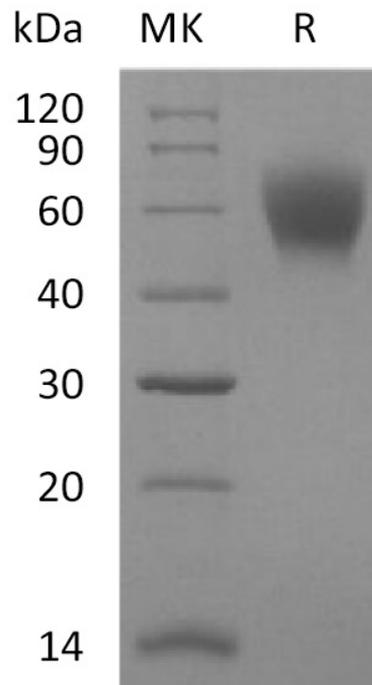


Summary

| | |
|---------------------------------|---|
| Name | TPBG/5T4/Trophoblast glycoprotein |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | <1 EU/μg as determined by LAL test. |
| Construction | Recombinant Mouse Trophoblast Glycoprotein is produced by our Mammalian expression system and the target gene encoding Ser32-Ser361 is expressed with a 6His tag at the C-terminus. |
| Accession # | Q9Z0L0 |
| Host | Human Cells |
| Species | Mouse |
| Predicted Molecular Mass | 36.6 KDa |
| Formulation | Supplied as a 0.2 μm filtered solution of PBS, pH 7.4. |
| Shipping | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below. |
| Stability&Storage | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| Reconstitution | |

SDS-PAGE image

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Alternative Names

TPBG; 5T4; 5T4AG; M6P1; WAIF1

Background

Trophoblast glycoprotein, also known as TPBG and 5T4, it belongs to the LRR family of proteins. The C-terminus of LRR N-terminal cap (LRRNT) and LRR 1 are essential for the inhibition of the Wnt signaling pathway. TPBG may function as an inhibitor of Wnt/beta-catenin signaling by indirectly interacting with LRP6 and blocking Wnt3a-dependent LRP6 internalization. It expressed by all types of trophoblasts as early as 9 weeks of development. In adult tissues, the expression is limited to a few epithelial cell types but is found on a variety of carcinoma.

Note

For Research Use Only , Not for Diagnostic Use.