

## Product datasheet for TP728029

### 5T4 (TPBG) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Biotinylated Human 5T4 (C-Avi-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser32-Ser355
Tag:	C-Avi-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Biotinylated Recombinant Human Trophoblast Glycoprotein is produced by our Mammalian expression system and the target gene encoding Ser32-Ser355 is expressed with a AVI, 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	7162
UniProt ID:	<a href="#">Q13641</a>
Summary:	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.



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