

Datasheet for ABIN7482379

TPBG Protein (Biotin,Fc-Avi Tag)[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	TPBG
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPBG protein is labelled with Biotin,Fc-Avi Tag.

Product Details

Purpose:	Biotinylated Human TPBG / 5T4 protein, Fc,Avitag™ (MALS verified)
Sequence:	Ser 32 - Ser 355
Characteristics:	Biotinylated Human TPBG protein, Fc,Avitag is expressed from human 293 cells (HEK293). It contains AA Ser 32 - Ser 355 (Accession # Q13641-1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	TPBG
Alternative Name:	TPBG (TPBG Products)
Background:	Trophoblast glycoprotein (TPBG), also known as 5T4, is the therapeutic target of several

Target Details

anticancer agents currently in clinical development, largely due to its high expression in tumors and low expression in normal adult tissues. This gene encodes a leucine-rich transmembrane glycoprotein that may be involved in cell adhesion. TPBG is expressed by all types of trophoblasts as early as 9 weeks of development.

Molecular Weight: 63.5kDa

Application Details

Comment: This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™). (Biotin,Fc , Avi) The protein has a calculated MW of 63.5kDa. The protein migrates as 85-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5

Storage: -20 °C

Storage Comment: -20°C