

Datasheet for ABIN7489088
TPBG Protein (Fc Tag)



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Overview

Quantity:	100 µg
Target:	TPBG
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPBG protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse TPBG / 5T4 Protein, Fc Tag (MALS verified)
Sequence:	Ser 32 - Ser 361
Characteristics:	Mouse TPBG Protein, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Ser 32 - Ser 361 (Accession # Q9Z0L0-1).
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: 62.2 kDa

Application Details

Comment: This protein carries a human IgG1 Fc tag at the C-terminus. (Fc) The protein has a calculated MW of 62.2 kDa. The protein migrates as 80-100 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