

Datasheet for ABIN7489029

TPBG Protein (His tag)

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Overview

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

Product Details

Purpose:	Rat TPBG / 5T4 Protein, His Tag (MALS verified)
Sequence:	Ser 32 - Ser 361
Characteristics:	Rat TPBG Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Ser 32 - Ser 361 (Accession # Q5PQV5).
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: 37.7 kDa

Application Details

Comment: This protein carries a polyhistidine tag at the C-terminus. (10xHis) The protein has a calculated MW of 37.7 kDa. The protein migrates as 50-70 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C