

Datasheet for ABIN7121187

TPBG Protein (His tag)



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Overview

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

Product Details

Purpose:	Cynomolgus / Rhesus macaque TPBG / 5T4 Protein, His Tag
Sequence:	Thr 35 - Ser 355
Characteristics:	Cynomolgus / Rhesus macaque TPBG, His Tag (TPG-C52H3) is expressed from human 293 cells (HEK293). It contains AA Thr 35 - Ser 355 (Accession # Q4R8Y9-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	TPBG
Alternative Name:	TPBG / 5T4 (TPBG Products)
Background:	Synonyms: TPBG,5T4,M6P1,5T4AG,WAIF1,5T4 oncofetal antigen,Trophoblast glycoprotein,5T4 oncofetal trophoblast glycoprotein, Description: Trophoblast glycoprotein (TPBG), also known as 5T4, is the therapeutic target of

Target Details

several 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: 36.7 kDa

Application Details

Application Notes: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 36.7 kDa. The protein migrates as 55-65 kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C