

Datasheet for ABIN6388260

**TPBG Protein (AA 32-355) (His tag,AVI tag)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	TPBG
Protein Characteristics:	AA 32-355
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPBG protein is labelled with His tag,AVI tag.

## Product Details

Sequence:	AA 32-355
Purity:	>90 % 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 ( <a href="#">TPBG Products</a> )
Background:	Trophoblast glycoprotein (TPBG), also known as 5T4, is the therapeutic target of 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.

## Target Details

Molecular Weight: 39.0 kDa

NCBI Accession: [NP\\_001159864](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

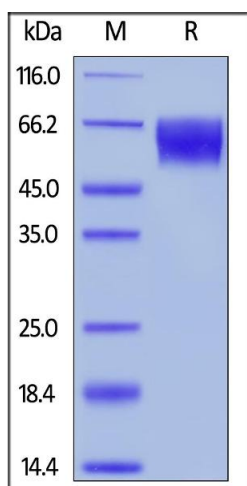
Handling Advice: Please avoid repeated freeze-thaw cycles.

Storage: -20 °C

## Publications

Product cited in: Wu, Li, Xia, Tian, Kong, Wang, Gu, Zhang, Tu, Xie, Yang, Lu, Jiang, Ying: "Identification of Human Single-Domain Antibodies against SARS-CoV-2." in: **Cell host & microbe**, (2020) ([PubMed](#)).

## Images



### SDS-PAGE

**Image 1.** Unconjugated Human TPBG, His,Avitag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .