

Datasheet for ABIN7538573

TPBG Protein (AA 35-355) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	TPBG
Protein Characteristics:	AA 35-355
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPBG protein is labelled with His tag.

Product Details

Purpose:	Recombinant Cynomolgus 5T4 protein with C-terminal 10xHis tag
Specificity:	5T4 (Thr35-Ser355) 10xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TPBG
Alternative Name:	5T4 (TPBG Products)
Background:	This gene encodes a leucine-rich transmembrane glycoprotein that may be involved in cell

Target Details

	adhesion. The encoded protein is an oncofetal antigen that is specific to trophoblast cells. In adults this protein is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers. Alternate splicing in the 5' UTR results in multiple transcript variants that encode the same protein. [provided by RefSeq, Oct 2009]
Molecular Weight:	predicted molecular mass of 36.2 kDa after removal of the signal peptide.
UniProt:	Q4R8Y9

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Cynomolgus 5T4 Protein, His Tag on SDS-PAGE under reducing condition.