

Datasheet for ABIN6964086

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

Overview

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

Product Details

Purpose:	Recombinant Human 5T4 Protein with C-terminal 6xHis tag
Specificity:	5T4 (Ser32-Ser355) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TPBG
Alternative Name:	5T4 (TPBG Products)
Background:	Synonyms: 5T4, 5T4AG, M6P1, WAIF1 Description: This gene encodes a leucine-rich transmembrane glycoprotein that may be involved in cell adhesion. The encoded protein is an oncofetal antigen that is specific to

Target Details

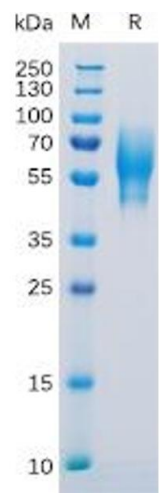
	trophoblast cells. In adults this protein is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers. Alternate splicing in the 5' UTR results in multiple transcript variants that encode the same protein.
Molecular Weight:	predicted molecular mass of 36.1 kDa after removal of the signal peptide. The apparent molecular mass of 5T4-His is 55-70 kDa due to glycosylation.
Gene ID:	7162
UniProt:	Q13641

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Preservative:	Without preservative
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



SDS-PAGE

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