

Datasheet for ABIN7273786

TPBG Protein (AA 32-355) (FITC,His-Avi Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 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 FITC,His-Avi Tag.

Product Details

Purpose:	FITC-Labeled Human TPBG/5T4 Protein
Sequence:	Ser32-Ser355
Characteristics:	Recombinant FITC-Labeled Human TPBG/5T4 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Ser32-Ser355.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	TPBG
Alternative Name:	TPBG (TPBG Products)

Target Details

Background:	The oncofetal tumor-associated antigen 5T4 (TBGP) has been linked with CSC properties in several different malignancies. 5T4 has functional attributes that are relevant to the spread of tumors including through EMT, CXCR4/CXCL12, Wnt, and Hippo pathways which may all contribute through the mobilization of CSCs.
Molecular Weight:	38.2 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.

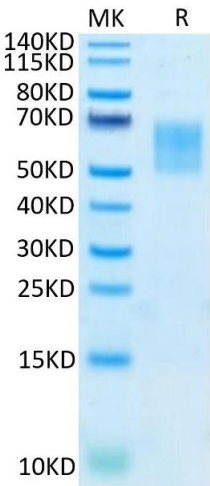
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. FITC-Labeled Human TPBG on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .