

Datasheet for ABIN7544617  
**TPGS1 Protein (AA 1-290) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TPGS1
Protein Characteristics:	AA 1-290
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPGS1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TPGS1 Protein expressed in mammalian cells.
Sequence:	MAAVEKRRQA VPPPAGFTDS GRQSVSRAAG AAEESEDFLR QVGVTEMLRA ALLKVLEARP EEPIAFLAHY FENMGLRSPV NGGAGEPPGQ LLLQQQLRGR ALWHLRLAHH SQRAAFNNNV SVAYECLSAG GRRKRPLDGD RTYSELLRRI CRDQGAPPEEV VAPLLRKVQC RDHEAVPLSV FRAGTLTCFV LLEFVARAGA LFQLLEDSAA AVADRRVGQA VLDTLEGALQ ASDAAAARF LEAGSRLGPD SLALALDRAV GGRRPSAPMT REEFLERAAA LFIKVKVPV <b>Sequence without tag.</b> <b>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

---

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

---

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

---

## Target Details

---

Target:	TPGS1
Alternative Name:	TPGS1 ( <a href="#">TPGS1 Products</a> )
Background:	Tubulin polyglutamylase complex subunit 1 (PGs1),FUNCTION: Subunit of the tubulin polyglutamylase complex (TPGC). The complex mediates cilia and flagella polyglutamylation which is essential for their biogenesis and motility (Probable). May act in the targeting of the tubulin polyglutamylase complex. Required for the development of the spermatid flagellum (By similarity). {ECO:0000250 UniProtKB:Q99MS8, ECO:0000305 PubMed:34782749}.
Molecular Weight:	31.3 kDa
UniProt:	<a href="#">Q6ZTW0</a>

---

## Application Details

---

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

---

## Handling

---

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months