

Datasheet for ABIN7544671

## Transmembrane Phosphoinositide 3-Phosphatase and Tensin Homolog 2 Pseudogene 1 (TPTE2P1) (AA 1-138) protein (His tag)



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### 3 Images

#### Overview

Quantity:	1 mg
Target:	Transmembrane Phosphoinositide 3-Phosphatase and Tensin Homolog 2 Pseudogene 1 (TPTE2P1)
Protein Characteristics:	AA 1-138
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

#### Product Details

Purpose:	Custom-made recombinant TPTE2P1 Protein expressed in mammalian cells.
Sequence:	MPAAAFPCVFP PQSLQVFPQM IVKVWEKQSL PLPGLRGSPV ERLYLPRNEL DNPHKQKAWK IYPPEFAVEI LFGMVSVDSL LFLSSPHWW LHQAQGSFWM SEGGSLSLCHP GWSVVAQSLL TSTSAFCVRA ILLQPPE <b>Sequence without tag. 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: <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li> </ul>

## Product Details

- 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:	Transmembrane Phosphoinositide 3-Phosphatase and Tensin Homolog 2 Pseudogene 1 (TPTE2P1)
Alternative Name:	TPTE2P1
Background:	Putative phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase TPTE2P1
Molecular Weight:	15.5 kDa
UniProt:	<a href="#">Q5T6R2</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

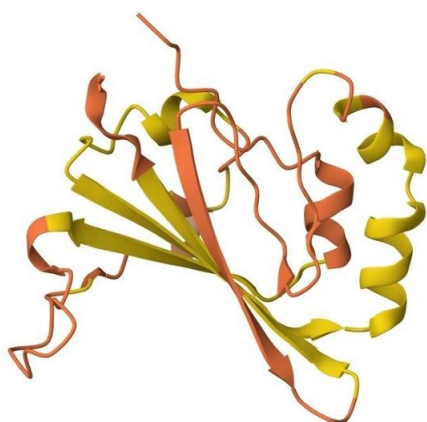
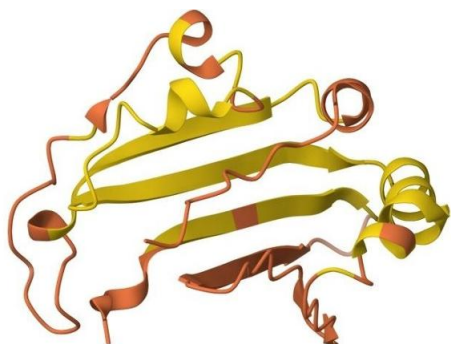
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months

## Images

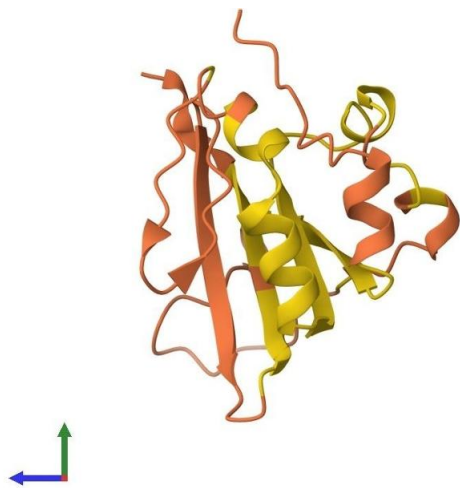


### Protein Structure

**Image 1.** AlphaFold protein structure prediction of Human Recombinant TPTE2P1 Protein, UniprotID Q5T6R2

### Protein Structure

**Image 2.** AlphaFold protein structure prediction of Human Recombinant TPTE2P1 Protein, UniprotID Q5T6R2



#### Protein Structure

**Image 3.** AlphaFold protein structure prediction of Human Recombinant TPTE2P1 Protein, UniprotID Q5T6R2