

Datasheet for ABIN7544583
TPTE2 Protein (AA 1-522) (His tag)



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Overview

Quantity:	1 mg
Target:	TPTE2
Protein Characteristics:	AA 1-522
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPTE2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat TPTE2 Protein expressed in mammalian cells.
Sequence:	<p>MNESPQTNEF KGTTEEAPAK ESPHTSEFKG AALVSPISKS MLERLSKFEV EDAENVASYD SKIKKIVHSI VSSFAFGIFG VFLVLLDVTL LLADLIFTDS KLYIPLEYRS ISLAIGLFFL MDVLLRVFVE GRQQYFSDLF NILDTAIIVI PLLVDVIYIF FDIKLLRNIP RWTHLVRLLR LIILIRIFHL LHQKRQLEKL MRRLVSENKR RYTRDGFOLD LTYVTERIIA MSFPSSGRQS FYRNPIEEVV RFLDKKHRNH YRVYNLCSEY AYDPKHFHNR VSRIMIDDHN VPTLHEMVVF TKEVNEWMAQ DLENIVAIHC KGGKGRGTGM VCALLIASEI FLTAEESLYY FGERRTNKTH SNKFQGVETP SQNRYVGYFA QVKHLYNWNL PPRRILFIKR FIIYSIRGDV CDLKVQVME KKVVSSTSL GNCSILHDIE TDKILINVDY GPPLYDDVKV QFFSSNLPKY YDNCPPFFWF NTSFIQNNRL CLPRNELDNP HKQKAWKIYP PEFAVEILFG EK 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.</p>

Product Details

Characteristics:

Key Benefits:

- 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, Western Blot

Grade:

custom-made

Target Details

Target:

TPTE2

Alternative Name:

TPTE2 ([TPTE2 Products](#))

Background:

Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase TPTE2 (EC 3.1.3.67) (Lipid phosphatase TPIP) (TPTE and PTEN homologous inositol lipid phosphatase),FUNCTION: Acts as a lipid phosphatase, removing the phosphate in the D3 position of the inositol ring from phosphatidylinositol 3,4,5-trisphosphate. {ECO:0000269|PubMed:11716755}., FUNCTION: [Isoform 4]: Shows no phosphoinositide phosphatase activity. {ECO:0000269|PubMed:11716755}.

Molecular Weight:

61.1 kDa

UniProt:

[Q6XPS3](#)

Pathways:

[Inositol Metabolic Process](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. 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