

Datasheet for ABIN7551092

## PTOV1 Protein (AA 1-416) (His tag)



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### Overview

Quantity:	1 mg
Target:	PTOV1
Protein Characteristics:	AA 1-416
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTOV1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat PTOV1 Protein expressed in mammalian cells.
Sequence:	<p>MVRPRRAPYR SGAGGPLGGR GRPPRPLVVR AVRSRSWPAS PRGPQPPRIR ARSAPPMEGA</p> <p>RVFGALGPIG PSSPGLTLGG LAVSEHRLSN KLLAWSGVLE WQEKRRPYSD STAKLKRTL</p> <p>CQAYVNQGEN LETDQWPQKL IMQLIPQQLL TTGLPLFRNS QLAQFHFTNR DCDSLKGLCR</p> <p>IMGNGFAGCM LFPHISPCEV RVLMLLYSSK KKIFMGLIPY DQSGFVSAIR QVITTRKQAV</p> <p>GPGGVNSGPV QIVNNKFLAW SGVMEWQEPR PEPNSRSKRW LPSHVYVNQG EILRTEQWPR</p> <p>KLYMQLIPQQ LLTTLVPLFR NSRLVQFHFT KDLETLSLC RIMDNGFAGC VHFSYKASCE</p> <p>IRVLMMLLYSS EKKIFIGLIP HDQGNFVNGI RRVIANQQQV LQRNLEQEQQ QRGMGG <b>Sequence</b></p> <p><b>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></p>
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, Western Blot

Grade: custom-made

## Target Details

Target: PTOV1

Alternative Name: PTOV1 ([PTOV1 Products](#))

Background: Prostate tumor-overexpressed gene 1 protein (PTOV-1) (Activator interaction domain-containing protein 2),FUNCTION: May activate transcription. Required for nuclear translocation of FLOT1. Promotes cell proliferation. {ECO:0000269|PubMed:12598323, ECO:0000269|PubMed:15713644, ECO:0000269|PubMed:17641689}.

Molecular Weight: 46.9 kDa

UniProt: [Q86YD1](#)

## Application Details

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