

## Product datasheet for TP308317

### PTOV1 (NM\_017432) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human prostate tumor overexpressed 1 (PTOV1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208317 representing NM_017432 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MVRPRRAPYRSGAGGPLGGRGRPPRPLVVRVRSRWPASPRGPQPPRIRARSAPPMEGARVFGALGPIG  
PSSPGLTLGGLAVSEHRLSNKLLAWSGVLEWQEKRRPYSDSTAKLKRTLPCQAYVNQGENLETDQWPQK  
L  
IMQLIPQQLLTGLPLFRNSQLAQFHFTNRDCDSLKGLCRIMGNFAGCMLFPHISPCEVRVLMMLLYSSK  
KKIFMGLIPYDQSGFVSAIRQVITTRKQAVGPGGVNSGPVQIVNNKFLAWSGVMEWQEPPEPNSRSKR  
W  
LPSHVYVNQGEILRTEQWPRKLYMQLIPQQLTTLVPLFRNSRLVQFHFTKDLETLSKLCRIMDNGFAGC  
VHFSYKASCEIRVLMMLLYSSEKKIFIGLIPHDAQGNFVNGIRRVIANQQQVLQRNLEQEQQQRGMGG  
  
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	46.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_059128](#)

Locus ID: 53635

UniProt ID: [Q86YD1](#)

RefSeq Size: 1884

Cytogenetics: 19q13.33

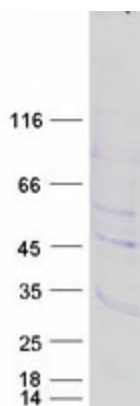
RefSeq ORF: 1248

Synonyms: ACID2; PTOV-1

**Summary:** This gene encodes a protein that was found to be overexpressed in prostate adenocarcinomas. The encoded protein was found to interact with the lipid raft protein flotillin-1 and shuttle it from the cytoplasm to the nucleus in a cell cycle dependent manner. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified PTOV1 protein (Cat# TP308317). The protein was produced from HEK293T cells transfected with PTOV1 cDNA clone (Cat# [RC208317]) using MegaTran 2.0 (Cat# [TT210002]).