

Recombinant Human PTOV1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PTOV1-3146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PTOV1 MS Standard C13 and N15-labeled recombinant protein (NP_059128) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	46.7 kDa
AA Sequence	MVRPRRAPYRSGAGGPLGGRGRPPRPLVVRVRSRSPASPRGPQPPRIRARSA PPMEGARVFGALGPIGPSSPGLTLGGLAVSEHRLSNKLLAWSGVLEWQEKRRPYS DSTAKLKRTLPCQAYVNQGENLETDQWPQKLIMQLIPQQLLTTLGPLFRNSQLAQFH FTNRDCDSLKGLCRIMGNGFAGCMLFPHISPCEVRVLMMLYSSKKKIFMGLIPYDQS GFVSAIRQVITTRKQAVGPGGVNSGPVQIVNNKFLAWSGVMEWQEPRPEPNSRSK RWLP SHVYVNQGEILRTEQWPRKLYMQLIPQQLLTTLVPLFRNSRLVQFHFTKDLET LKSLCRIMDNGFAGCVHFSYKASCEIRVLMMLYSSEKKIFIGLIPHDQGNFVNGIRRV ANQQQVLQRNLEQEQQQRGMGGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PTOV1 prostate tumor overexpressed 1 [Homo sapiens (human)]
Official Symbol	PTOV1
Synonyms	PTOV1; prostate tumor overexpressed 1; prostate tumor-overexpressed gene 1 protein; prostate tumor overexpressed gene 1; activator interaction domain-containing protein 2; ACID2; PTOV-1; MGC71475; DKFZp586I111;
Gene ID	53635
mRNA Refseq	NM_017432
Protein Refseq	NP_059128
MIM	610195
UniProt ID	Q86YD1

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