Phosducin-Like Protein 3 (PDCL3) ELISA Kit for Rabbit

PRODUCT OVERVIEW

Product Name	Phosducin-Like Protein 3 (PDCL3), ELISA Kit
Full Product Name	Rabbit Phosducin-Like Protein 3 (PDCL3) ELISA Kit
Product Gene Name	PDCL3 elisa kit
Species Reactivity	Rabbit
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	27,614 Da
OMIM	611678
Related Product Information for PDCL3 elisa kit	MBS9355491 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Phosducin-Like Protein 3 (PDCL3) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing PDCL3. The ELISA analytical biochemical technique of the MBS9355491 kit is based on PDCL3 antibody-PDCL3 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect PDCL3 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, PDCL3. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of PDCL3 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PDCL3. It may not necessarily be applicable to this product.

NCBI GI #	13129044
NCBI GeneID	79031
NCBI Accession #	NP_076970.1
UniProt Secondary Accession #	Q53S68; B2RA00
UniProt Related Accession #	Q9H2J4
GenBank Nucleotide #	NM_024065.4
NCBI Official Full Name	phosducin-like protein 3
NCBI Official Synonym Full Names	phosducin like 3
NCBI Official Symbol	PDCL3
NCBI Official Synonym Symbols	VIAF; PHLP3; VIAF1; HTPHLP; PHLP2A
UniProt Protein Name	Phosducin-like protein 3
UniProt Synonym Protein Names	HTPHLP; PhPL3; Viral IAP-associated factor 1; VIAF-1
Protein Family	Phosducin-like protein
UniProt Gene Name	PDCL3
UniProt Synonym Gene Names	PhLP2A; VIAF1; VIAF-1

UniProt Entry Name	PDCL3_HUMAN
NCBI Protein Information	phosducin-like protein 3
NCBI Summary for PDCL3	This gene encodes a member of the phosducin-like protein family and is a putative modulator of heterotrimeric G proteins. The protein shares extensive amino acid sequence homology with phosducin. Members of the phosducin-like protein family have been shown to bind to the beta-gamma subunits of G proteins. [provided by RefSeq, Jul 2008]
UniProt Comments for PDCL3	PDCL3: Modulates the activation of caspases during apoptosis. Is a substrate for Orgyia pseudotsugata multicapsid polyhedrosis virus (OpMNPV) IAP-mediated ubiquitination. Belongs to the phosducin family. Protein type: Apoptosis Chromosomal Location of Human Ortholog: 2q11.2 Cellular Component: cytoplasm; nucleus Molecular Function: protein binding; queuine tRNA-ribosyltransferase activity; vascular endothelial growth factor receptor 2 binding Biological Process: angiogenesis; apoptosis; positive regulation of angiogenesis; positive regulation of endothelial cell proliferation; protein folding; queuosine biosynthetic process; regulation of peptidyl-tyrosine phosphorylation; viral reproduction
Research Articles on PDCL3	**1.** data provide strong evidence for the role of PDCL3 in angiogenesis and establishes the molecular mechanism by which it regulates VEGFR-2 expression and function.
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