

## Recombinant Human Phosducin-Like 3, His-tagged

**Cat. No.** PDCL3-1383H    **Lot. No.** (See product label)

### SPECIFICATION

|                                |                                                                                                                                                                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>        | Recombinant humanPDCL3 protein, fused to His-tag at N-terminus, was expressed in E. coli andpurified by using conventional chromatography.                                                                                                                                                            |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>                  | E.coli                                                                                                                                                                                                                                                                                                |
| <b>Description</b>             | PDCL3 is a member ofthe phosducin-like protein family and is a putative modulator ofheterotrimeric G proteins. The protein shares extensive amino acid sequencehomology with phosducin. Members of the phosducin-like protein family havebeen shown to bind to the beta-gamma subunits of G proteins. |
| <b>Form</b>                    | Liquid. 20mMTris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl.                                                                                                                                                                                                                                |
| <b>Molecular Weight</b>        | 30.0 kDa(262aa), confirmed by MALDI-TOF.                                                                                                                                                                                                                                                              |
| <b>Purity</b>                  | > 90%by SDS - PAGE                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>           | 1.0mg/ml (determined by Bradford assay)                                                                                                                                                                                                                                                               |
| <b>Sequences of aminoacids</b> | MGSSHHHHHHSSGLVPRGSH MGSMQDPNAD TEWNDILRKK GILPPKESLK<br>ELEEEAEEEQ RILQQSVVKTYEDMTLEELE DHEDEFNEED ERAIEMYRRR<br>RLAEWKATKL KNKFGEVLEISGKDYVQEV T KAGEGLWVIL HLYKQGIPLC<br>ALINQHLSGL ARKFPDVKFI KAISTTCIPN YPDRNLPTIFVYLEGDIKAQ<br>FIGPLVFGGM NLTRDELEWK LSESGAIMTD LEENPKKPIE DVLLSSVRRS           |

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VLMKRDSSEGD

**Storage**

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C.Avoid repeated freezing and thawing cycles.

**GENE INFORMATION**

**Gene Name**

PDCL3 phosducin-like 3 [ Homosapiens ]

**Official Symbol**

PDCL3

**Synonyms**

PDCL3; phosducin-like 3; VIAF; PHLP3;VIAF1; HTPHLP; PHLP2A; MGC3062; phosducin-like protein 3; phPL3; VIAF-1;OTTHUMP00000203204; IAP-associated factor VIAF1; viral IAP-associated factor1

**Gene ID**

79031

**mRNA Refseq**

NM\_024065

**Protein Refseq**

NP\_076970

**MIM**

611678

**UniProt ID**

Q9H2J4

**Chromosome  
Location**

2q11.2

**Function**

protein binding

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