

Product information

PDCL3, 1-239aa

Human, His-tagged, Recombinant, *E.coli*

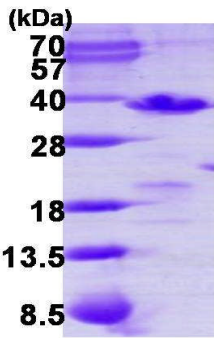
Cat. No. IBATGP1383

Full name: Phosducin-Like protein 3

NCBI Accession No.: NP_076970

Synonyms: HTPHLP, MGC3062, PHLP2A, PHLP3, VIAF, VIAF1

Description: PDCL3 is 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. Recombinant human PDCL3 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

<p>Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl</p> <p>Molecular Weight: 30.0 kDa (262aa), confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 1.0 mg/ml (determined by Bradford assay)</p>	 <p>12% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MGSMQDPNAD TEWNDILRKK GILPPKESLK EEEEEEEEQ RILQQSVVKT YEDMTLEELE DHEDEFNEED ERAIEMYRRR RLAEWKATKL KNKFGEVLEI SGKDYVQEVK KAGEGLWVIL HLYKQGIPLC ALINQHLSGL ARKFPDVKFI KAISTTCIPN YPDRNLPTIF VYLEGDIKAQ FIGPLVFGGM NLTRDELEWK LSESGAIMTD LEENPKKPIE DVLLSSVRRS VLMKRDSOSE GD</p>	

General references:

Blaauw M. *et al.* (2003) *EMBO J.* 22: 5047-5057.

Wilkinson J.C. *et al.* (2004) *J. Biol. Chem.* 279: 51091-51099.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.