

## 32-4420: Recombinant Human Phosducin-Like

**Alternative Name :** Phosducin-like protein,PHLP,DKFZp564M1863.

### Description

Source : E.coli. PDCL Human Recombinant produced in E. coli is a single polypeptide chain containing 325 amino acids (1-301) and having a molecular mass of 36.8 kDa. PDCL is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Phosducin-like protein (PDCL) is a member of the phosducin family. PDCL is a putative modulator of heterotrimeric G proteins. PDCL shares broad amino acid sequence homology with phosducin, a phosphoprotein expressed in the retina and pineal gland. Both PDCL and phosphoducin regulate G-protein signaling by binding to the beta-gamma subunits of G proteins.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	The PDCL solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMTTLDD KLLGEKLQYY YSSSEDESD HEDKDRGRCA PASSVPAAE ELAGEGISVN TGPKGVINDW RRFKQLETEQ REEQCREMER LIKKLSMTCR SHLDEEEQQ KQKDLQEKIS GKMTLKEFAI MNEDQDDEEF LQYRKQRME EMRQQLHKGP QFKQVFEISS GEGFLDMIDK EQKSIVIMVH IYEDGIPGTE AMNGCMICLA AEYPAVKFCK VKSSVIGASS QFTRNALPAL LIYKGGELIG NFVRVTDQLG DFFFAVDLEA FLQEFGLLPE KEVLVLTSVR NSATCHSEDS DLEID

