

Recombinant Human Phosducin-Like, His-tagged

Cat. No. PDCL-6848H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PDCL protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-301aa
Description	PDCL is a putative modulator of heterotrimeric G proteins. The protein shares extensive amino acid sequence homology with phosducin, a phosphoprotein expressed in retina and pineal gland. Both PDCL and phosphoducin have been shown to regulate G-protein signaling by binding to the beta-gamma subunits of G proteins.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT.
Molecular Mass	36.8 kDa (325aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTTLDD KLLGEKLQYY YSSSEDEDSD HEDKDRGRCA PASSSVPAEA ELAGEGISVN TGPKGVIWDW RRFKQLETEQ REEQCREMER LIKKLSMTCR SHLDEEEEQQ KQKDLQEKIS GKMTLKEFAI MNEDQDDEEF LQQYRKQRME EMRQQLHKGP QFKQVFEISS GEGFLDMIDK EQKSIVIMVH IYEDGIPGTE AMNGCMICLA AEYPAVKFCK VKSSVIGASS QFTRNALPAL LIYKGGELIG NFVRVTDQLG DFFFAVDLEA FLQEFGLLPE

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KEVLVLTSVR NSATCHSEDS DLEID

Purity >90% by SDS - PAGE

Applications SDS-PAGE

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.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name PDCL phosducin-like [Homo sapiens]

Official Symbol PDCL

Synonyms PDCL; phosducin-like; phosducin-like protein; DKFZp564M1863; PhLP;

Gene ID 5082

mRNA Refseq NM_005388

Protein Refseq NP_005379

MIM 604421

UniProt ID Q13371

Chromosome Location 9q12-q13

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