

Phosducin-Like Human Recombinant

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| Item Number | rAP-4537 |
| Synonyms | Phosducin-like protein, PHLP, DKFZp564M1863. |
| Description | 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. |
| Uniprot Accession Number | Q13371 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MGSHTTLDD KLLGEKLQYY YSSSEDESD HEDKDRGRCA PASSVPAEA ELAGEGISVN TGPKGVINDW RRFKQLETEQ REEQCREMER LIKKLSMTCR SHLDEEEEQ KQKDLQEKIS GKMTLKEFAI MNEDQDDEEF LQQYRKQRME EMRQQLHKGP QFKQVFEISS GEGFLDMIDK EQKSIVIMVH IYEDGIPGTE AMNGCMICLA AEYPAVKFCK VKSSVIGASS QFTRNALPAL LIYKGGELIG NFVRVTDQLG DFFFAVDLEA FLQEFGLLPE KEVLVLTSVR NSATCHSEDS DLEID |
| Source | E.coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. 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. |
| Formulation and Purity | The PDCL solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**