
Product Data Sheet

Product Name: PDCL3 Human
 Cat. No.: GP24152
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Phosducin-like protein 3; VIAF1; Viral IAP-associated factor 1; HTPHLP; VIAF-1; PHLP3; PHLP2A; IAP-associated factor VIAF1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMQDPNAD TEWNDILRKK GILPPKESLK EEEEEEEEEQ RILQQSVVKT YEDMTLEELE DHEDEFNEED ERAIEMYRRR RLAEWKATKL KNKFGEVLEI SGKDYVQEVK KAGEGLWVIL HLYKQGIPLC ALINQHLSGL ARKFPDVKFI KAISTTCIPN YPDRNLPTIF VYLEGDIKAQ FIGPLVFGGM NLTRDELEWK LSESGAIMTD LEENPKKPIE DVLLSSVRRS VLMKRDSSE GD.		
Formulation	The PDCL3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.		

Introduction

PDCL3 belongs to the phosducin-like protein family which its members are known to bind to the beta-gamma subunits of G proteins. PDCL3 is a potential regulator of heterotrimeric G proteins and has a large amino acid sequence homology with phosducin.

Stability

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.

Background

PDCL3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 262 amino acids (1-239) and having a molecular mass of 30.0kDa. PDCL3 is fused to a 23 amino acid His-tag at N-terminus & purified by

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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proprietary chromatographic techniques.

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