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Recombinant human PDCL3 protein

Catalog Number: ATGP1383

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-239aa

UniProt No.
Q9H2J4

NCBI Accession No.
NP_076970

Alternative Names
Phosducin-Like protein 3, Phosducin-Like protein 3, HTPHLP, MGC3062, PHLP2A, PHLP3, VIAF, VIAF1

PRODUCT SPECIFICATION

Molecular Weight
30 kDa (262aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
PDCD3 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.

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Amino acid Sequence

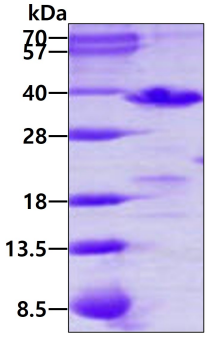
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General References

Blaauw M. et al. (2003) EMBO J. 22: 5047-5057.
Wilkinson J.C. et al. (2004) J. Biol. Chem. 279: 51091-51099.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.