

PDCL3, 1-239aa, Human, His tag, E.coli

Cat.NO.: TP03321

3th Edition

Synonyms: Phosducin-Like protein 3, HTPHLP, MGC3062, PHLP2A, PHLP3, VIAF, VIAF1.

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.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

Molecular Weight: 30.0 kDa (262aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMQDPNADTEWNDILRKKGILPPKESLKEEEEEAEQERILQQSVVKTYEDMT
LEELEDHEDEFNEEDERAIEMYRRRLAEWKATKLKNKFGEVLEISGKDYVQEVTKAGEGLWVILHLYKQGIPLCALI
NQHL SGLARKFPDVKFKAISTTCIPNYPDRNLPTIFVYLEGDIKAQFIGPLVFGGMNLTRDELEWKLSESGAIMTDLE
ENPKKPIEDVLLSSVRRSVLMKRDS DSEGD

Purity: > 95% by HPLC

Concentration: 1.0 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.