



Recombinant Rat Phosducin-like protein (Pdcl)

Product Code	CSB-EP723606RA-B
Abbreviation	Pdcl
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q63737
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	TTLDDKLLG EKLQYYYSTS EDESDHEDK DRGRGAPASS STPAEAELAG EGISVNTGPK GVINDWRRFK QLETEQREEQ CREMERLIKK LSMSCRSHLD EEEEQKQKQD LQEKISGKMT LKECGMMDKN LDDEEFLQQY RKQRMDEMQR QLHKGPQFKQ VLEIPSGEGF LDMIDKEQKS TLIMVHIYED GVPGTEAMNG CMICLAAEYP TVKFCRVRSS VIGASSRFTR NALPALLIYK AGELIGNFVR VTDQLGEDFF AVDLAFLQE FGLLPEKEVL VLTSVRNSAT CHSESDLEI D
Source	E.coli
Target Names	Pdcl
Protein Names	Recommended name: Phosducin-like protein Short name= PHLP
Expression Region	2-301
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Phosducin-like protein 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 phosducin-like protein and phosphoducin have been shown to regulate G-protein signaling by binding to the beta-gamma subunits of G proteins.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.