



Recombinant Human 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4 (PLCD4)

Product Code	CSB-MP866264HU
Abbreviation	PLCD4
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.	Q9BRC7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MASLLQDQLT TDQDLLLMQE GMPMRKVRSK SWKKLRYFRL QNDGMTVWHA RQARGSAKPS FSISDVETIR NGHDSSELLRS LAEELPLEQG FTIVFHGRRS NLDLMANSVE EAQIWMRGLQ LLVDLVTSM D HQERLDQWLS DWFQRGDKNQ DGKMSFQEVQ RLLHLMNVEM DQEYAFSLFQ AADTSQSGTL EGEEFVQFYK ALTKRAEVQE LFESFSADGQ KLTLLFLDF LQEEQKERDC TSELALELID RYEPSDSGKL RHVLSMDGFL SYLCSKGDGI FNPACLPIYQ DMTQPLNHYF ICSSHNTYLV GDQLCGQSSV EGYIRALKRG CRCVEVDVWD GPSGEPVYH GHTLTSRILF KDVVATVAQY AFQTS DYPVI LSLETHCSWE QQQTMARHLT EILGEQLLST TLDGVLPTQL PSPEELRRKI LVKGKLTLE EDLEYEEEEA EPELEESELA LESQFETEPE PQEQNLQNKD KKKKSKPILC PALSSLVIYL KSVSFRSFT H SKEHYHFYEI SSFSETKAKR LIKEAGNEFV QHNTWQLSRV YPSGLRTDSS NYNPQELWNA GCQMVAMNMQ TAGLEMDICD GHFRQNGGCG YVLKPDFLRD IQSSFHPEKP ISPFKAQTLL IQVISGQQLP KVDKTKEGSI VDPLVKVQIF GVRLDTARQE TNYVENNGFN PYWGQTL CFR VLPPELAMLR FVVM DYDWKS RNDFIGQYTL PWTCMQQGYR HIHLLSKDGI SLRPASIFVY ICIQEGLEGD ES
Source	Mammalian cell
Target Names	PLCD4
Protein Names	Recommended name: 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4 Short name= hPLCD4 EC= 3.1.4.11 Alternative name(s): Phosphoinositide phospholipase C-delta-4 Phospholipase C-delta-4 Short name= PLC-delt
Expression Region	1-762
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 protein

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.