

Recombinant human PLCXD3 protein

Catalog Number: ATGP2710

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-321aa

UniProt No.

Q63HM9

NCBI Accession No.

NP_001005473

Alternative Names

PI-PLC X domain-containing protein 3, phosphatidylinositol-specific phospholipase C X domain containing 3, phosphatidylinositol-specific phospholipase C, X domain containing 3

PRODUCT SPECIFICATION

Molecular Weight

38.7 kDa (344aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Purity

> 85% 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

PLCXD3 contains 1 PI-PLC X-box domain. Recombinant human PLCXD3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMASQGK NELKLADWMA TLPESMHSIP LTNLAIPGSH DSFSFYIDEA SPVGPEQPET VQNFVSVFGT VAKKLMRKWL ATQTMNFTGQ LGAGIRYFDL RISTKPRDPD NELYFAHGLF SAKVNEGLEE INAFITDHHK

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EVVFLDFNHF YGMQKYHHEK LVQMLKDIYG NKMCPAIFAQ EVSLKYLWEK DYQVLVIFYHS PVALEVPFLW PGQMMPAPWA
NTTDPEKLIQ FLQASITERR KKGSSFFISQV VLTPKASTVV KGVASGLRET ITERALPAMM QWVRTQKPGE SGINIVTADF
VELGDFISTV IKLNYVFDEG EANT

General References

Bechtel S., et al (2007). BMC Genomics 8:399-399

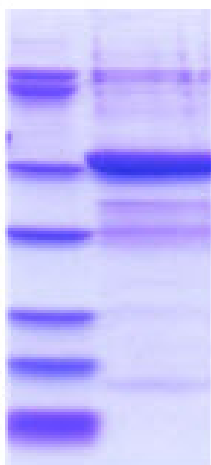
Schmutz J., et al (2004). Nature 431:268-274

DATA

SDS-PAGE

(kDa)

70
57
40
28
18
13.5
8.5



15% SDS-PAGE (3ug)

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