

RPC049Hu01 100µg

Recombinant Phospholipase D (PLD)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Thr725~Thr1074

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: Q13393

Host: *E. coli*

Subcellular Location: Cytoplasm, perinuclear region. Endoplasmic reticulum membrane. Lipid-anchor. Cytoplasmic side. Golgi apparatus membrane. Late endosome membrane.

Purity: >90%

Endotoxin Level: <1.0EU per 1µg
(determined by the LAL method).

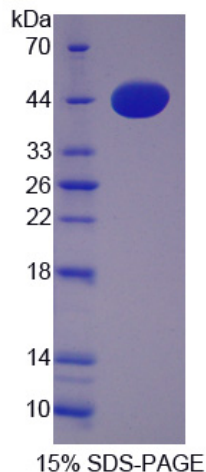
Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.7

Predicted Molecular Mass: 43.4kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)



[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

TTAHEL RYQVPGSVHA NVQLLRSAAD WSAGIKYHEE SIHAAYVHVI ENSRHYYIE
NQFFISCADD KVVFNKIGDA IAQRILKAHR ENQKYRVYVV IPLLPGFEGD ISTGGGNALQ
AIMHFNYRTM CRGENSILGQ LKAELGNQWI NYISFCGLRT HAELEGNLVT ELIYVHSKLL
IADDNTVIIG SANINDRSML GKRDSEMAVI VQDTETVPSV MDGKEYQAGR FARGRLQCF
RVVLGYLDDP SEDIQDPVSD KFFKEVWVST AARNATIYDK VFRCLPNDEV HNLIQLRDFI
NKPVLAKEDP IRAEEELKKI RGFLVQFPFY FLSEESLLPS VGTKEAIVPM EVWT