

# Recombinant Human PLCXD3, His-tagged

**Cat. No.** PLCXD3-217H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | PLCXD3, 1-321aa, Human, His tag, E.coli                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-321aa                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | 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.                                                                                                                                                                                                                |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 38.7 kDa (344aa) confirmed by MALDI-TOF                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMASQGK NELKLADWMA TLPESMHSIP<br>LTNLAIPGSH DSFSFYIDEA SPVGPEQPET VQNFVSVFGT VAKKLMRKWL<br>ATQTMNFTGQ LGAGIRYFDL RISTKPRDPD NELYFAHGLF SAKVNEGLEE<br>INAFLTDHHK EVVFLDFNHF YGMQKYHHEK LVQMLKDIYG NKMCPAIFAQ<br>EVSLKYLWEK DYQVLVIFYHS PVALEVPFLW PGQMMPAPWA NTTDPEKLIQ<br>FLQASITERR KKGSSFFISQV VLTPKASTVV KGVASGLRET ITERALPAMM<br>QWVRTQKPGE SGINIVTADF VELGDFISTV IKLNYVFDEG EANT |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>              | >85% by SDS - PAGE                                                                                                                                 |
| <b>Storage</b>             | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |
| <b>Concentration</b>       | 0.25 mg/ml (determined by Bradford assay)                                                                                                          |
| <b>GENE INFORMATION</b>    |                                                                                                                                                    |
| <b>Gene Name</b>           | PLCXD3 phosphatidylinositol-specific phospholipase C, X domain containing 3 [ Homo sapiens ]                                                       |
| <b>Official Symbol</b>     | PLCXD3                                                                                                                                             |
| <b>Synonyms</b>            | PLCXD3; phosphatidylinositol-specific phospholipase C, X domain containing 3; PI-PLC X domain-containing protein 3;                                |
| <b>Gene ID</b>             | 345557                                                                                                                                             |
| <b>mRNA Refseq</b>         | NM_001005473                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_001005473                                                                                                                                       |
| <b>UniProt ID</b>          | Q63HM9                                                                                                                                             |
| <b>Chromosome Location</b> | 5p13.1                                                                                                                                             |
| <b>Function</b>            | hydrolase activity; phospholipase C activity; signal transducer activity;                                                                          |

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