

Datasheet for ABIN7578857

## Phospholipase C beta 1 Protein (His tag)



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### Overview

|                               |                                                               |
|-------------------------------|---------------------------------------------------------------|
| Quantity:                     | 100 µg                                                        |
| Target:                       | Phospholipase C beta 1 (PLCB1)                                |
| Origin:                       | Human                                                         |
| Source:                       | Escherichia coli (E. coli)                                    |
| Protein Type:                 | Recombinant                                                   |
| Purification tag / Conjugate: | This Phospholipase C beta 1 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS), ELISA                  |

### Product Details

|           |                                |
|-----------|--------------------------------|
| Purpose:  | Recombinant Human PLCB1, N-His |
| Sequence: | Lys27-Met245                   |

### Target Details

|                   |                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Phospholipase C beta 1 (PLCB1)                                                                                                                                                                    |
| Alternative Name: | PLCB1 ( <a href="#">PLCB1 Products</a> )                                                                                                                                                          |
| Background:       | PLCB1, Phosphoinositide phospholipase C-beta-1, 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1, KIAA0581, Phospholipase C-beta-1, Phospholipase C-I, PLC-I, PLC-154, PLC-beta-1 |
| Molecular Weight: | 27.53 kDa                                                                                                                                                                                         |
| UniProt:          | <a href="#">Q9NQ66</a>                                                                                                                                                                            |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pathways: | <a href="#">WNT Signaling</a> , <a href="#">AMPK Signaling</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Inositol Metabolic Process</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Proton Transport</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">G-protein mediated Events</a> |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                            |
| Reconstitution:  | Reconstitute in sterile water for a stock solution.                                                                                                                    |
| Buffer:          | Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.                                                                         |
| Storage:         | 4 °C,-20 °C,-80 °C                                                                                                                                                     |
| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt. |