

PRODUCT INFORMATION

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| Target | PLD4 |
| Synonyms | C14orf175 |
| Description | Recombinant human PLD4 Protein with N-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q96BZ4 |
| Expression Host | HEK293 |
| Tag | N-Human Fc tag |
| Molecular Characterization | hFc(Glu99-Ala330) PLD4(Trp52-Gly506) |
| Molecular Weight | The protein has a predicted molecular mass of 76.2 kDa after removal of the signal peptide. The apparent molecular mass of hFc-PLD4 is approximately 70-130 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | Predicted to enable single-stranded DNA 5'-3' exodeoxyribonuclease activity. Predicted to be involved in hematopoietic progenitor cell differentiation; phagocytosis; and regulation of cytokine production involved in inflammatory response. Predicted to be located in early endosome and endoplasmic reticulum membrane. Predicted to be active in several cellular components, including endoplasmic reticulum; phagocytic vesicle; and trans-Golgi network membrane. [provided by Alliance of Genome Resources, Apr 2022] |
| Usage | Research use only |
| Conjugate | Unconjugated |



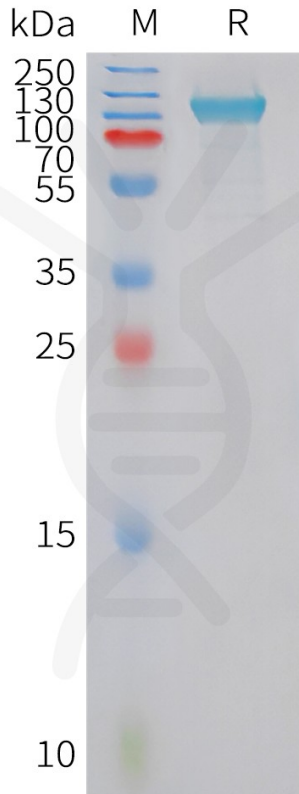


Figure 1. Human PLD4 Protein, hFc Tag on SDS-PAGE under reducing condition.

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