PRODUCT INFORMATION

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

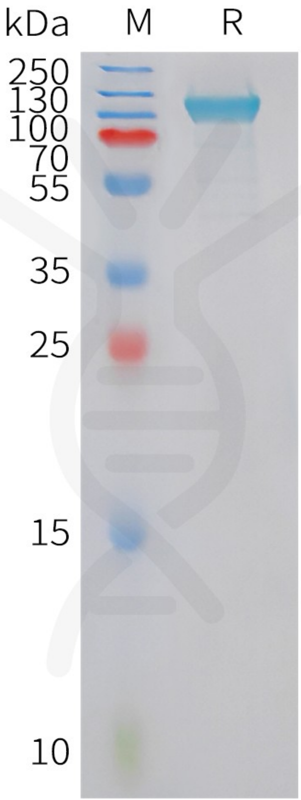

Figure 1. Human PLD4 Protein, hFc Tag on SDS-PAGE under reducing condition.