

Phospholipase D Recombinant Protein | PLD recombinant protein

Recombinant Phospholipase D (PLD)

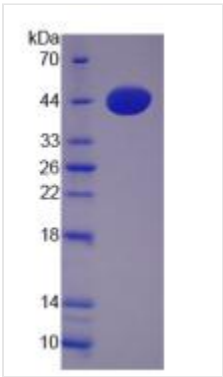
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144057	E. coli	Homo sapiens (Human)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Phospholipase D; Recombinant Phospholipase D (PLD); PLD recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	TTAHELRYQV PGSVHANVQL LRSAADWSAG IKYHEESIHA AYVHVIENSR HYIYENQFF ISCADDKVVF NKIGDAIAQR ILKAHRENQK YRVYVVIPLL PGFEGDISTG GGNALQAIMH FNYRTMCRGE NSILGQLKAE LGNQWINYIS FCGLRTHAEL EGNLVTIELY VHSKLLIADD NTVIIGSANI NDRSMLGKRD SEMAVIVQDT ETVPSVMDGK EYQAGRFARG LRLQCFRVVL GYLDDPSEDI QDPVSDKFFK EWWVSTAARN ATIYDKVFRC LPNDEVHNL IQLRDFINKPV LAKEDPIRAE EELKKIRGFL VQFPFYFLSE ELLPSVGTK EAIVPMEVWT
Applicable Applications for PLD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr725~Thr1074
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm, Golgi apparatus, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	442622448
NCBI GeneID	35554
NCBI Accession #	NP_724472.3
NCBI GenBank Nucleotide #	NM_165472.3
Molecular Weight	Predicted Molecular Mass: 43.4kDa Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	phospholipase D, isoform G
NCBI Official Synonym Full Names	Phospholipase D
NCBI Official Symbol	Pld
NCBI Official Synonym Symbols	CG12110; DmeICG12110; dPLd; dPLD; pld; PLD; pld1
NCBI Protein Information	CG12110 gene product from transcript CG12110-RB
UniProt Protein Name	FI04804p
UniProt Gene Name	Pld
UniProt Entry Name	Q7KML4_DROME

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pld-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144057>