Loxosceles amazonica Phospholipase D LamSicTox-alphaIC1 Recombinant Protein | PLD recombinant protein

Recombinant Loxosceles amazonica Phospholipase D LamSicTox-alphaIC1

CATALOG #	HOST
AAA114969	**E Coli or Yeast or Baculovirus or Mammalian Cell**

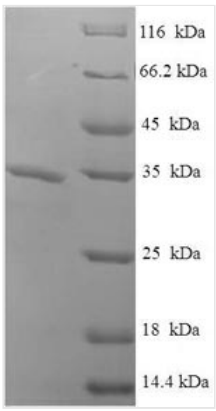
PRODUCT SYNONYMS

Loxosceles amazonica Phospholipase D LamSicTox-alphaIC1; Recombinant Loxosceles amazonica Phospholipase D LamSicTox-alphaIC1; PLD recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-273aa; Full Length
Sequence	WIMGHMVNNI NQIEEFVSLG ANSIETDVSF DKKANPEYTY HGTPCDCGRD CLRWEYFKDF LNGLRKATTP GDAKYREKLI LVVFDLKTGS LYDNQAYDAG KSLAKNLLEY YWNNGNNGGR AYIVLSIPNL AHYKLVTGFK ETLKDEGHED LLEKVGHDFS GNDDIPDIES AYKKAGVTGH VWQSDGITNC LPRTLKRVIL AIANRDSGSG IINKVYYWTV DKRSTTRDSL EAGVDGIMTN YPDVIADVLS EAAYKDKYRI ATYDDNPWET FKA
Sequence Length	273
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PLD recombinant protein	Catalyzes the hydrolysis of sphingomyelin. May also acts on other phosphatidyl esters. Induces complent-dependent holysis, dermonecrosis, blood vessel permeability and platelet aggregation.
References	Molecular evolution, functional variation, and proposed nomenclature of the gene family that includes sphingomyelinase D in sicariid spider venoms.Binford G.J., Bodner M.R., Cordes M.H., Baldwin K.L., Rynerson M.R., Burns S.N., Zobel-Thropp P.A.Mol. Biol. Evol. 26:547-566(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	292495496
UniProt Accession #	C0JAZ9
Molecular Weight	34.8 kDa
NCBI Official Full Name	Phospholipase D LamSicTox-alphaIC1
UniProt Protein Name	Phospholipase D LamSicTox-alphaIC1
UniProt Gene Name	**PLD**
UniProt Synonym Gene Names	SMD; SMase D; Sphingomyelinase D
UniProt Entry Name	A1O_LOXAM

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://www.aaabiotech.com/pld-recombinant-protein-e-coli/114969