

Active Native *Streptomyces chromofuscus* Phospholipase D

Cat. No. PLD-17S Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Phospholipase D was purified from <i>Streptomyces chromofuscus</i> . CAS#9001-87-0.
Species	<i>Streptomyces chromofuscus</i>
Source	<i>Streptomyces Chromofuscus</i>
Description	Phospholipase D is active on sphingomyelins and lysophospholipids. Phospholipase D hydrolyzes the phosphate bonds of phospholipids and sphingomyelin to give the corresponding phosphatidic acid.
Form	buffered aqueous glycerol solution. Solution in 100 mM Tris/HCl, pH 8.0, 10% glycerol (v/v), and 0.1% Triton X-100 (w/v).
Bio-activity	≥50,000 units/mL
Molecular Mass	mol wt ~60 kDa
Unit Definition	One unit will release 1 μmol of choline from L-α-phosphatidylcholine per hour at pH 8.0 and 37 °C.
Storage	Store at -70 °C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA