Active Native Streptomyces chromofuscus Phospholipase D

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

SPECIFICATION

Product Overview	Native Phospholipase D was purified from Streptomyces chromofuscus. CAS#9001-87-0.
Species	Streptomyces chromofuscus
Source	Streptomyces Chromofuscus
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

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