

Phospholipase D from Streptomyces chromofuscus, Activity: >40U/mg

Product Code: 172665

EC: 3.1.4.4

SKU: 172665

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

EC 3.1.4.4

Name:	Phosphatidylcholine phosphatidohydrolase	
Appearance:	Brown powder, lyophilized	
Activity:	40 U/mg-solid or more	
Specific activity:	150 U/mg protein or more	
Contaminants:	Catalase : < 0.6 %	Glucose oxidase : < 0.02 %
Stability:	Stable at -20°C for at least 12 months	
Molecular weight:	Approx. 57,000 (SDS-PAGE)	
Isoelectric point:	5.1	

Michaelis constant: 1.4×10^{-3} M (phosphatidylcholine)

Inhibitors: EDTA

Optimum pH: 7.0 - 8.5

pH stability: 6.0 - 10.0

Thermal Stability: below 60°C (pH 8.0, 10min)