

Lipase A

Description: Recombinant Immobilized *Serratia marcescens* Lipase-A is expressed in *E. Coli* having a Mw of 65 kDa is purified by standard chromatography techniques.

Catalog #: ENPS-480

Source: *Escherichia Coli*.

For research use only.

Physical Appearance: Sterile Filtered lyophilized powder.

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The protein was lyophilized without additives.

Stability:

Recombinant Lipase-A although stable at room temp for 1 week, should be stored desiccated below -18C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Lipase-A in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Introduction:

Lipase (EC 3.1.1.3) is a ubiquitous enzyme that catalyzes the hydrolysis of fats and oil. The *Serratia marcescens* lipase is recognized for its excellent enantioselectivity in biocatalytic hydrolysis of trans-3-(4-methoxyphenyl) glycidic acid methyl ester [(

Biological Activity:

580 units/mg powder.

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