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Datasheet for ABIN5706432

Lysozyme



Overview

Quantity: 1 g

Reactivity: Chicken

Product Details

Purification: % Protein: 96 Specific Activity: 16,060units/mg dry weight

Biological Activity Comment: 18,070 units/mg

Target Details

Gene ID: 396218

UniProt: P00698

Application Details

Application Notes: Application Note: One unit of Lysozyme (Hen Egg White) is equal to a decrease in turbidity of

0.001 A450 nm per minute at 25° C, $\,$ pH 7.0, using a 0.3 mg/mL suspension of Micrococcus

lysodeikticus cells as a substrate. Lyophilized powder contains trace amounts of sodium

chloride.

Comment: Synonyms: Muramidase, N-acetylmuramide glycanhydrolase

Background: Lysozyme is a from a family of enzymes that act upon glycoproteins in the cell

walls of bacteria. Lysozyme is a highly abundant protein in a variety of secretions: tears, saliva,

milk, and mucus (in mammals). The whites of avian eggs are also an abundant source of

lysozyme.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent)
Storage:	4 °C,-20 °C
Expiry Date:	12 months