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Flagellin FLA

Recombinant Flagellin Listeria Monocytogenes
RCP0860

Product Overview

Name	Flagellin FLA

Description

Recombinant Flagellin Listeria Monocytogenes

Introduction

Listeria monocytogenes is a pathogenic bacteria that manufactures flagella.At 37 °C inside humans, it causes MogR to repress the expression of flagellar proteins, thus stopping the manufacturing of flagella. Though, in the low-temperatures externally of the host, the GmaR inactivates MogR, enabling flagellar formation.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The Flagellin Listeria Monocytogenes 1mg/ml solution contains 10mM PBS (pH-7.2).

Stability

Lyophilized Flagellin FLA although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Flagellin should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Precautions

Flagellin FLA is for research use only and not for use in diagnostic or therapeutic procedures.