

Flagellin

Cat. No. LIGC-004

Lot. No. (See product label)

Introduction

Description

Flagellin is the subunit protein which polymerizes to form the filaments of bacterial flagella. It activates the innate immune system through the receptor Toll-like Receptor 5 (TLR5) and the intracellular protein NLRC4 (NLR family CARD domain-containing protein 4).

Synonyms

FliC

Product Information

Source

Salmonella typhimurium strain 14028

Form

Lyophilized. Contains PBS.

Purity

≥90% (SDS-PAGE)

Concentration

1mg/ml after reconstitution.

Specificity

Binds to human and mouse TLR5 (Toll-like receptor 5).

Endotoxin Level

<0.1EU/μg purified protein

Usage and Packaging

Reconstitution

Reconstitute with 100μl sterile water.

Storage and Shipping Information

Storage

After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

Stability

Stable for at least 6 months after receipt when stored at -20°C.