Creative Enzymes®

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.