

Product Datasheet

Flagellin Native Protein NBP3-18149

Unit Size: 10 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-18149**Flagellin Native Protein**

Product Information	
Unit Size	10 ug
Concentration	Lyoph
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 100 ul sterile water (0.1mg/ml after reconstitution)
Purity	>95% pure by SDS-PAGE
Buffer	Lyophilized from PBS
Product Description	
Description	Source: <i>Salmonella typhimurium</i> strain 14028 Uniprot ID: P06179
Species	Human, Mouse
Details of Functionality	Binds to human & mouse TLR5. Activation of TLR5 in human epithelial cell assays based on NF-kB luciferase fusions, on expression of IL-8 (CXCL8), CCL20, inducible nitric oxide synthase, beta-defensin 2 & matrilysin (MMP-7). Maturation of dendritic cells in in vitro & in vivo assays. Adjuvant activity on foreign antigens delivered by subcutaneous & intranasal routes in mice. TLR5 can be stimulated in vitro by Flagellin (high Purity) at 5-50ng/ml & in vivo at a starting concentration of 0.1-1ug /mouse.
Endotoxin Note	<0.01EU/ug purified protein (LAL test; Lonza).
Product Application Details	
Applications	Functional
Recommended Dilutions	Functional



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Products Related to NBP3-18149

NBP2-35885-10ug	Recombinant Flagellin His (C-Term) Protein
NBP3-05967-100ul	Flagellin Antibody (06)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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