

Datasheet for ABIN7597223

TLR5 Protein

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Overview

Quantity:	50 µg
Target:	TLR5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	MNP Membrane Nanoparticle

Product Details

Purpose:	Human TLR5 full length protein-MNP
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Target Details

Target:	TLR5
Alternative Name:	TLR5 (TLR5 Products)
Background:	<p>MELIOS, SLE1, SLEB1, TIL3</p> <p>Toll-like receptor (TLR) family plays a fundamental role in pathogen recognition and activation of innate immune responses. These receptors recognize distinct pathogen-associated molecular patterns that are expressed on infectious agents. The protein encoded by this gene recognizes bacterial flagellin, the principal component of bacterial flagella and a virulence factor. The activation of this receptor mobilizes the nuclear factor NF-kappaB, which in turn activates a host of inflammatory-related target genes. Mutations in this gene have been associated with both resistance and susceptibility to systemic lupus erythematosus, and susceptibility to Legionnaire disease.</p>
Molecular Weight:	The human full length TLR5 protein has a MW of 97.8 kDa

Target Details

UniProt:	O60602
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Toll-Like Receptors Cascades

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months