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## Datasheet for ABIN5505661 TLR5 Protein (Myc-DYKDDDDK Tag)

I Image



#### Overview

Quantity:	20 µg
Target:	TLR5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TLR5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Standard (STD), Antibody Production (AbP)
Product Details	
Characteristics:	<ul> <li>Recombinant human Purified recombinant protein of Homo sapiens toll-like receptor 5 (TLR5) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	TLR5
Alternative Name:	TLR5 (TLR5 Products)
Background:	This gene encodes a member of the toll-like receptor (TLR) family, which 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

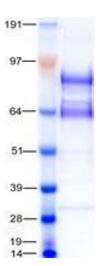
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### Target Details

	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.[provided by RefSeq,
	Dec 2009]
Molecular Weight:	95.7 kDa
NCBI Accession:	NP_003259
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of

#### **Application Details**

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.



#### Western Blotting

Image 1. Validation with Western Blot

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