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## Datasheet for ABIN7092692 TLR3 Protein (mFc Tag)



Overview	
Quantity:	100 µg
Target:	TLR3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TLR3 protein is labelled with mFc Tag.
Product Details	
Purpose:	Recombinant human TLR3 protein with C-terminal mouse Fc tag
Specificity:	TLR3 (Glu28-Pro80) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	TLR3
Alternative Name:	TLR3 (TLR3 Products)
Background:	Synonymes: TLR3
	Description: The protein encoded by this gene is a member of the Toll-like receptor (TLR) family
	which plays a fundamental role in pathogen recognition and activation of innate immunity.

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	TLRs are highly conserved from Drosophila to humans and share structural and functional
	similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are
	expressed on infectious agents, and mediate the production of cytokines necessary for the
	development of effective immunity. The various TLRs exhibit different patterns of expression.
	This receptor is most abundantly expressed in placenta and pancreas, and is restricted to the
	dendritic subpopulation of the leukocytes. It recognizes dsRNA associated with viral infection,
	and induces the activation of NF-kappaB and the production of type I interferons. It may thus
	play a role in host defense against viruses. Use of alternative polyadenylation sites to generate
	different length transcripts has been noted for this gene. [provided by RefSeq, Jul 2008]
Molecular Weight:	predicted molecular mass of 103.5 kDa after removal of the signal peptide. The apparent
	molecular mass of TLR3-mFc is 130-180 kDa due to glycosylation.
UniProt:	015455
Pathways:	TLR Signaling, Activation of Innate immune Response, Hepatitis C, Toll-Like Receptors
	Cascades

## Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. 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