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## Datasheet for ABIN7504527 SIGIRR Protein (AA 1-118) (Fc Tag)



Overview

Quantity:	100 µg
Target:	SIGIRR
Protein Characteristics:	AA 1-118
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGIRR protein is labelled with Fc Tag.

## Product Details

Purpose:	Human SIGIRR Protein
Sequence:	Met1-His118
Characteristics:	Recombinant Human SIGIRR Protein is expressed from HEK293 with hFc tag at the C-terminus.It contains Met1-His118.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per $\mu g$ by the LAL method.

## Target Details

Target:	SIGIRR
Alternative Name:	SIGIRR (SIGIRR Products)

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Target Detai	ls
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Background:	TIR8, also known as single Ig IL-1-related receptor, is a member of the IL-1 receptor/Toll-like receptor (TLR) superfamily, which acts as an intracellular decoy for components of the signaling pathway. Structurally, it is characterized by a single extracellular Ig domain, an
	intracellular TIR domain and 95-aa cytoplasmic tail. Recently, TIR8 was shown to inhibit NF- B
	activation by members of the IL-1/TLR family. The inhibitory activity of TIR8 was associated
	with trapping of TRAF6 and IRAK1.
Molecular Weight:	39.29 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE
	result.
Pathways:	Toll-Like Receptors Cascades
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is
	recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 $\mu m$ filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as
	protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after
	reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into
	smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months