

Datasheet for ABIN7607350

IFNAR1 Protein (AA 28-436) (His tag)



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Overview

Quantity:	50 µg
Target:	IFNAR1
Protein Characteristics:	AA 28-436
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IFNAR1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human IFNAR1 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. When recombinant IFNAR1 (Cat #: AHD23001) is present at 10 µg/mL, it binds to recombinant human IFNAR2 in the presence of recombinant human IFN alpha 2. The concentration of recombinant human IFNAR2 that produces 50% of the optimal binding response is approximately 0.5-1.5 µg/mL.

Target Details

Target:	IFNAR1
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Target Details

Alternative Name:	Interferon alpha/beta receptor 1 (IFNAR1 Products)
Background:	Interferon alpha/beta receptor 1, Cytokine receptor family 2 member 1, Cytokine receptor class-II member 1, CRF2-1, IFN-R-1, IFNAR1, IFNAR, IFN-alpha/beta receptor 1, Type I interferon receptor 1
UniProt:	P17181
Pathways:	JAK-STAT Signaling , Hepatitis C

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months