

Datasheet for ABIN7607623

IL27 Receptor alpha Protein (AA 34-516) (His-Fc tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IL27 Receptor alpha (IL27RA)
Protein Characteristics:	AA 34-516
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL27 Receptor alpha protein is labelled with His-Fc tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human IL27RA/WSX1 Protein, C-hFc-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 ability to inhibit IL-27 anti-viral activity using human hepatocellular carcinoma cells (HepG2) infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is 0.75-4.5 µg/mL.

Target Details

Target:	IL27 Receptor alpha (IL27RA)
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Target Details

Alternative Name:	IL-27R subunit alpha (IL27RA Products)
Background:	IL-27R subunit alpha, IL-27RA, ZcytoR1, Interleukin-27 receptor subunit alpha, Cytokine receptor WSX-1, IL-27R-alpha, IL-27 receptor subunit alpha, CRL1, WSX1, TCCR, IL27RA, Type I T-cell cytokine receptor, Cytokine receptor-like 1
UniProt:	Q6UWB1
Pathways:	Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response

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