

## Datasheet for ABIN7607756 IL12A Protein (His tag)



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### Overview

Quantity:	50 µg
Target:	IL12A
Origin:	Rat
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL12A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

### Product Details

Purpose:	Recombinant Rat IL12 Protein, C-His (Active)
Sequence:	IL12A [Arg23-Ser215] & IL12B [Met23-Ser335]
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured in a cell proliferation assay using PHA activated mouse splenocytes. The ED50 for this effect is 0.025-0.25 ng/mL.

### Target Details

Target:	IL12A
Alternative Name:	IL-12A ( <a href="#">IL12A Products</a> )

## Target Details

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Background: IL-12A, NK cell stimulatory factor chain 1, IL12A, CLMF p35, Interleukin-12 subunit alpha, IL-12 subunit p35, NKSF1, Cytotoxic lymphocyte maturation factor 35 kDa subunit, IL-12 subunit p40, IL12B, Interleukin-12 subunit beta, IL-12B, CLMF p40, NKSF2, NK cell stimulatory factor chain 2, Cytotoxic lymphocyte maturation factor 40 kDa subunit

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UniProt: [Q9R278](#), [Q9R103](#)

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Pathways: [JAK-STAT Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Buffer: Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.

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Storage: 4 °C,-20 °C,-80 °C

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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.

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Expiry Date: 12 months

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