

Datasheet for ABIN7607415

## IL12A Protein (AA 23-219) (His-Fc tag)



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### Overview

Quantity:	50 µg
Target:	IL12A
Protein Characteristics:	AA 23-219
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL12A 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 IL12A/IL-12 p35/NKSF1 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 induce IFN-gamma secretion in human natural killer lymphoma cells (NK-92), the concentration of recombinant human IL12A/IL-12 p35/NKSF1 (Cat #: AHD83901) Monomer that produces 50% of the response is 0.300-3.00 ng/mL when recombinant human IL-12p40 Monomer is present at 0.25 µg/mL.

### Target Details

Target:	IL12A
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### Target Details

Alternative Name:	IL-12A ( <a href="#">IL12A Products</a> )
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
UniProt:	<a href="#">P29459</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Activated T Cell Proliferation</a>

### 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