

Datasheet for ABIN7607460 **IL12A Protein (His tag)**



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IL12A
Origin:	Mouse
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 Mouse IL12 Protein, C-His (Active)
Sequence:	IL12A [Arg23-Ala215] & 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 0.01-0.1 ng/mL.

Target Details

Target:	IL12A
Alternative Name:	IL-12A (IL12A Products)

Target Details

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

UniProt: [P43431](#), [P43432](#)

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

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