

Datasheet for ABIN7607461

IL12B Protein (AA 23-335) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IL12B
Protein Characteristics:	AA 23-335
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL12B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse IL12B/IL-12 p40/NKSF2 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 ability to inhibit IL-23 induced IL-17 secretion by mouse splenocytes. The ED50 for this effect is 3-18 ng/mL.

Target Details

Target:	IL12B
Alternative Name:	IL-12 subunit p40 (IL12B Products)

Target Details

Background:	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:	P43432
Pathways:	JAK-STAT Signaling , Cellular Response to Molecule of Bacterial Origin , 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