

Datasheet for ABIN7607359

IL-13 Protein (AA 26-131) (His tag)



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Overview

Quantity:	50 µg
Target:	IL-13 (IL13)
Protein Characteristics:	AA 26-131
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL-13 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Mouse IL13 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 in a cell proliferation assay using Mouse erythroleukemic cells (TF-1). The ED50 for this effect is 23.9-95.6 ng/mL, corresponding to a specific activity of 1.05x10 ⁴ -4.18x10 ⁴ units/mg.

Target Details

Target:	IL-13 (IL13)
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Target Details

Alternative Name:	IL13 (IL13 Products)
Background:	IL13, NC30, Interleukin-13, IL-13, Drug Target
UniProt:	P20109
Pathways:	JAK-STAT Signaling , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Proton Transport

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