Datasheet for ABIN1000987

IL-13 Protein (AA 35-146) (His tag)

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Overview

Quantity:	10 µg
Target:	IL-13 (IL13)
Protein Characteristics:	AA 35-146
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-13 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Interleukin-13 (IL-13) (Western Blot Control)
Sequence:	GPVPPSTALR ELIEELVNIT QNQKAPLCNG SMVWSINLTA GPVPPSTALR ELIEELVNIT QNQKAPLCNG SMVWSINLTA SLHVRDTKIE VAQFVKDLLL HLKKLFREGR FN
Characteristics:	recombinant Interleukin-13 comprises a 112 amino acid fragment (35-146) corresponding to the mature Interleukin-13 110R form of the protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	IL-13 (IL13)
Alternative Name:	Interleukin-13 (IL13 Products)

Target Details

Background:	Interleukin-13 is a pleiotropic regulatory cytokine, which shares many of the properties of interleukin-4. IL-13 is produced primarily by activated T lymphocytes and acts via specific cell surface receptor complexes. Its biological activities include the stimulation of B-cell proliferation and differentiation and the regulation of inflammatory and immune responses.,IL-13, ALRH, P600
Molecular Weight:	16.84 kDa
UniProt:	P35225
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:	Liquid
Buffer:	Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C