

Datasheet for ABIN7607530
IL-5 Protein (AA 20-132) (His tag)



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Overview

Quantity:	50 µg
Target:	IL-5 (IL5)
Protein Characteristics:	AA 20-132
Origin:	Rat
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL-5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Rat IL5 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 human erythroleukemic cells (TF-1). The ED50 for this effect is 0.0500-0.200 ng/mL.

Target Details

Target:	IL-5 (IL5)
Alternative Name:	IL5 (IL5 Products)

Target Details

Background: IL5, B-cell differentiation factor I, IL-5, T-cell replacing factor, TRF, Eosinophil differentiation factor, Interleukin-5, Drug Target

UniProt: [Q08125](#)

Pathways: [JAK-STAT Signaling](#), [Positive Regulation of Peptide Hormone Secretion](#), [Production of Molecular Mediator of Immune Response](#), [Feeding Behaviour](#)

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