

[Go to Product page](#)

Datasheet for ABIN7454156

**IL-9 Protein (AA 19-144) (His tag)**

## Overview

Quantity:	100 µg
Target:	IL-9 (IL9)
Protein Characteristics:	AA 19-144
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-9 protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus IL-9 Protein
Sequence:	Arg19-Ile144
Characteristics:	Recombinant Cynomolgus IL-9 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Arg19-Ile144.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	IL-9 (IL9)
Alternative Name:	IL-9 ( <a href="#">IL9 Products</a> )

## Target Details

**Background:** IL-9 is a pleiotropic cytokine that influences various distinct functions of different target cells such as T cells, B cells, mast cells and airway epithelial cells by activating STAT1, STAT3 and STAT5. Because of its pleiotropic functions, IL-9 has been demonstrated to be involved in several diseases, such as cancer, autoimmunity and other pathogen-mediated immune-regulated diseases. In this review, we focus on the role of Th9 and IL-9-producing cells in allergic asthma.

**Molecular Weight:** 14.01 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Tris-Bis PAGE result.

**UniProt:** [A0A7N9IA33](#)

**Pathways:** [JAK-STAT Signaling](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Supplied as 0.22µm filtered solution in PBS ( pH 7.4).

**Storage:** -80 °C

**Storage Comment:** Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months