

Datasheet for ABIN7274934

**IL23A Protein (AA 22-196) (His-Avi Tag,Biotin)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	IL23A
Protein Characteristics:	AA 22-196
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL23A protein is labelled with His-Avi Tag,Biotin.

## Product Details

Purpose:	Biotinylated Mouse IL-23A Protein
Sequence:	Val22-Ala196
Characteristics:	Recombinant Biotinylated Mouse IL-23A Protein is expressed from HEK293 with His tag and Avi Tag at the C-Terminus.It contains Val22-Ala196.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	IL23A
Alternative Name:	IL-23A ( <a href="#">IL23A Products</a> )

## Target Details

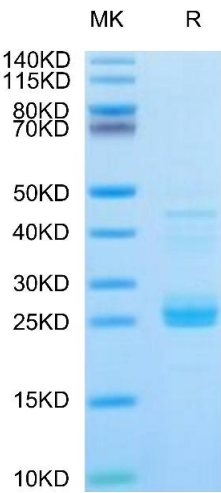
Background:	The heterodimeric cytokine interleukin-23 (IL-23 or IL23A/IL12B) is produced by dendritic cells and macrophages and promotes the proinflammatory and regenerative activities of T helper 17 (Th17) and innate lymphoid cells. A recent study has reported that IL-23 is also secreted by lung adenoma cells and generates an inflammatory and immune-suppressed stroma.
Molecular Weight:	22.60 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q9EQ14</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Biotinylated Mouse IL-23A on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .