

Biotinylated Mouse IL-23A Protein

Cat. No. IL2-MM423B

Description	
Source	Recombinant Biotinylated Mouse IL-23A Protein is expressed from HEK293 with His tag and Avi Tag at the C-Terminus. It contains Val22-Ala196.
Accession	Q9EQ14
Molecular Weight	The protein has a predicted MW of 23.41 kDa. Due to glycosylation, the protein migrates to 25-30 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC

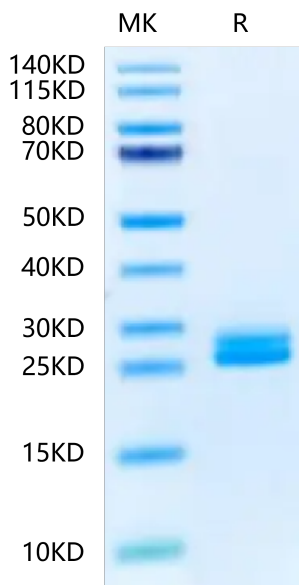
Formulation and Storage	
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

Bis-Tris PAGE



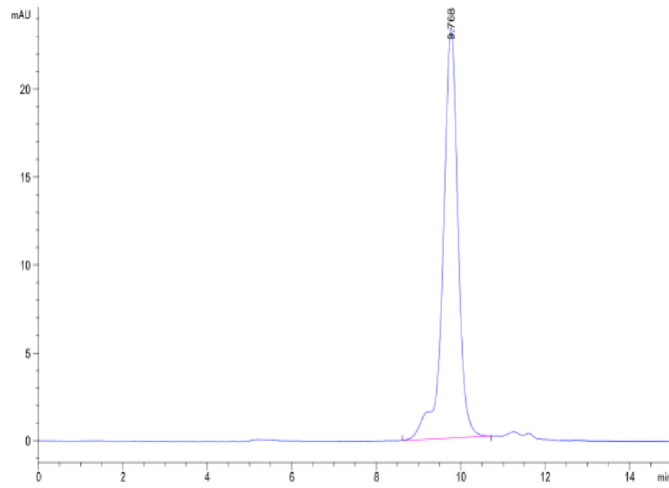
Biotinylated Mouse IL-23A on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Biotinylated Mouse IL-23A Protein

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Assay Data



The purity of Biotinylated Mouse IL-23A is greater than 90% as determined by SEC-HPLC.