Human IL-23 P19/IL-23A Protein

Cat. No. IL2-HM219

Description

Source	Recombinant Human IL-23 P19/IL-23A Protein is expressed from HEK293 with hFc tag at the C-Terminus.
	It contains Arg20-Pro189.
Accession	Q9NPF7
Molecular Weight	The protein has a predicted MW of 45.43 kDa. Due to glycosylation, the protein migrates to 50-60 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

Formulation and Storage

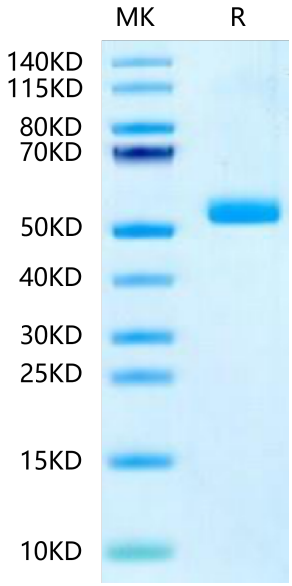
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled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

Background

IL-23 is a heterodimeric cytokine composed of a unique p19 subunit and a common p40 subunit is shared with IL-12. IL-23 promotes the inflammatory response by inducing the expansion of CD4(+) cells producing IL-17.

Assay Data

Bis-Tris PAGE



Human IL-23 P19 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.