Human IL-19 Protein

Cat. No. IL9-HM219

Description

Source	Recombinant Human IL-19 Protein is expressed from HEK293 with hFc tag at the C-Terminus.
	It contains Leu25-Ala177.
Accession	Q9UHD0-1
Molecular Weight	The protein has a predicted MW of 44.6 kDa. Due to glycosylation, the protein migrates to 55-60 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
	> 95% as determined by HPLC

Formulation and Storage

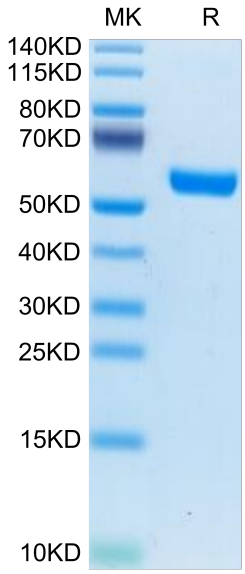
Formulation	Supplied as 0.22μm filtered solution in 20mM Tris, 500mM NaCl (pH 8.0).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Interleukin-19 (IL-19) has been shown to be involved in coronary artery diseases and atherosclerosis, while its expression in myocardial infarction is poorly understood. In this study, the dynamic increase in circulating IL-19 in acute ST-segment elevation myocardial infarction (STEMI) patients was detected.IL-19 is correlated with the severity of acute myocardial infarction, which may be a new idea for the clinical treatment of myocardial infarction.

Assay Data

Bis-Tris PAGE



Human IL-19 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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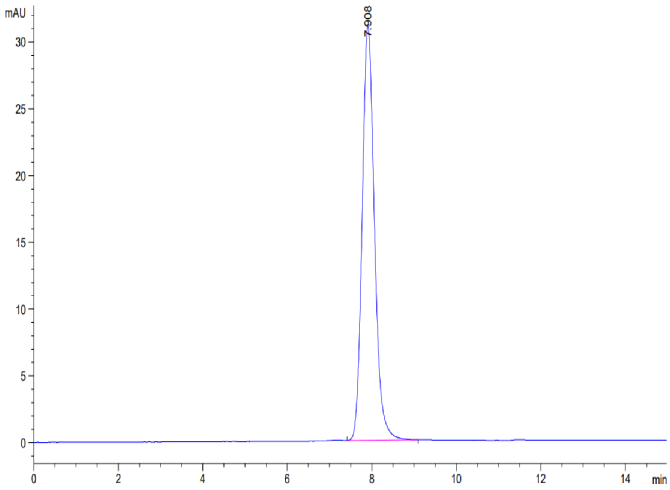

The purity of Human IL-19 is greater than 95% as determined by SEC-HPLC.