

Cynomolgus IL-1 alpha/IL-1A Protein

Cat. No. IL1-CM10A



Description

Source	Recombinant Cynomolgus IL-1 alpha/IL-1A Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser113-Ala271.
Accession	P79340
Molecular Weight	The protein has a predicted MW of 19.23 kDa. Due to glycosylation, the protein migrates to 25-35 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

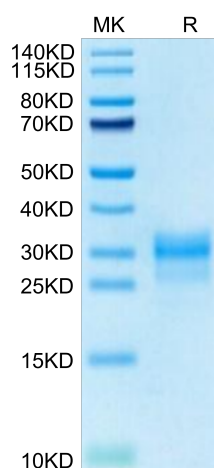
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The interleukin (IL)-1 family of cytokines is currently comprised of 11 members that have pleiotropic functions in inflammation and cancer. IL-1 α and IL-1 β were the first members of the IL-1 family to be described, and both signal via the same receptor, IL-1R. Over the last decade, much progress has been made in our understanding of biogenesis of IL-1 β and its functions in human diseases.

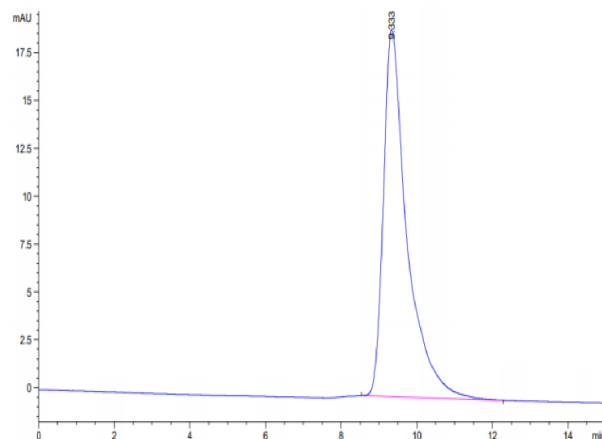
Assay Data

Bis-Tris PAGE



Cynomolgus IL-1 alpha on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus IL-1 alpha is greater than 95% as determined by SEC-HPLC.