

Marmoset IL-18 Protein

Cat. No. IL1-CE118



Description

Source	Recombinant Marmoset IL-18 Protein is expressed from E.coli with His tag at the C-terminus. It contains His37-Asp193.
Accession	U3CWC9
Molecular Weight	The protein has a predicted MW of 19.48 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU 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 0.22 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

Interleukin (IL)-18 was originally discovered as a factor that enhanced IFN-γ production from anti-CD3-stimulated Th1 cells, especially in the presence of IL-12. Upon stimulation with Ag plus IL-12, naïve T cells develop into IL-18 receptor (IL-18R) expressing Th1 cells, which increase IFN-γ production in response to IL-18 stimulation.

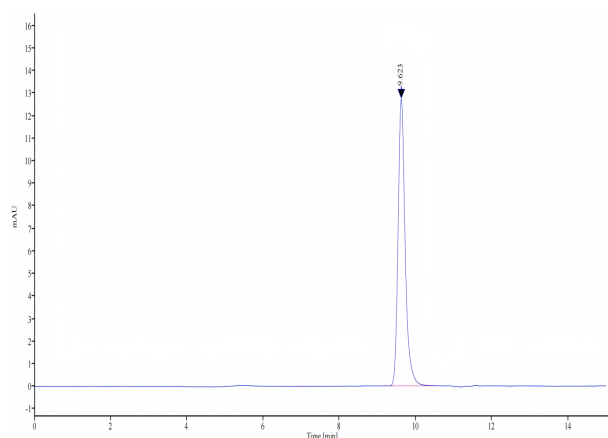
Assay Data

Bis-Tris PAGE



Marmoset IL-18 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Marmoset IL-18 is greater than 95% as determined by SEC-HPLC.