

Cynomolgus IL-17F Protein; His Tag

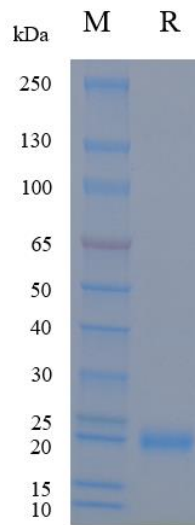
Product Information

Product Name	Cynomolgus IL-17F Protein; His Tag
Storage temp.	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-88243RP-100 / 100 μg GM-88243RP-1000 / 1 mg

Protein Information

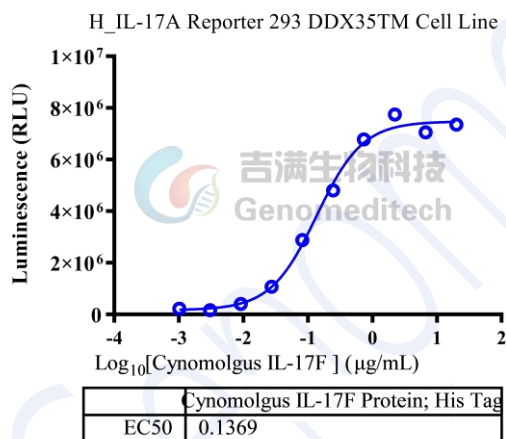
Alternative Names	IL-17F, Interleukin-17F, Cytokine ML-1
Source	Cynomolgus IL-17F Protein; His Tag (GM-88243RP) is expressed from human 293 cells (HEK-293). It contains AA Arg 31 - Gln 163 (Accession # G7P4V0-1). This protein carries a His tag at the N-terminus.
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	15.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.2-7.4.
Description	<p>IL-17F (Interleukin-17F, also known as Cytokine ML-1) is a cytokine produced by T cells and other immune cells, belonging to the IL-17 family. It plays an important role in regulating immune responses and inflammation, particularly in asthma and other allergic reactions. IL-17F enhances the inflammatory response by stimulating relevant cells to release pro-inflammatory cytokines and chemokines, thereby influencing the activity of the immune system.</p> <p>IL-17F is significant in various pathological conditions, including autoimmune diseases and chronic inflammatory diseases. Studies have shown that IL-17F has some functional redundancy with IL-17A, but also exhibits distinct biological characteristics. Due to its importance in diseases, IL-17F has become a subject of research for targeted therapies, with the hope of developing effective treatment options to improve the conditions of patients affected by related diseases.</p>

SDS-PAGE



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-CELL BASE



Cynomolgus IL-17F Protein; His Tag (Catalog # GM-88243RP) was added to H_IL17A Reporter 293 DDX35TM Cell Line (Catalog # GM-C26020), and stimulates IL-17F/IL-17R signals.