

Cynomolgus IL-5 Protein; His Tag

Product Information

Product Name	Cynomolgus IL-5 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-88540RP-100 / 100 μg GM-88540RP-1000 / 1 mg

Protein Information

Alternative Names	TRF, IL5, Interleukin-5
Source	Cynomolgus IL-5 Protein; His Tag is expressed from human 293 cells (HEK-293). It contains AA Ile 20 - Ser 134 (Accession # A0A2K5U1E7-1). 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	14.0 kDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Description	IL-5 is a homodimeric cytokine of the interleukin family, mainly produced by Th2 cells and type 2 innate lymphoid cells (ILC2s). It binds to the IL-5 receptor on eosinophils and basophils, promoting eosinophil differentiation, survival, and activation in allergic and helminth immune responses. In summary, IL-5 is a key type 2 inflammatory cytokine with biomarker and therapeutic potential in eosinophilic diseases such as asthma and atopic dermatitis.

Figures

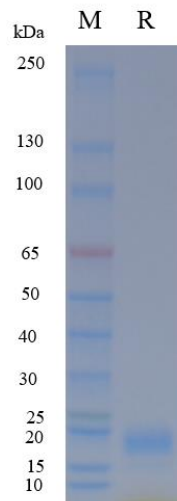


Figure 1 | On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

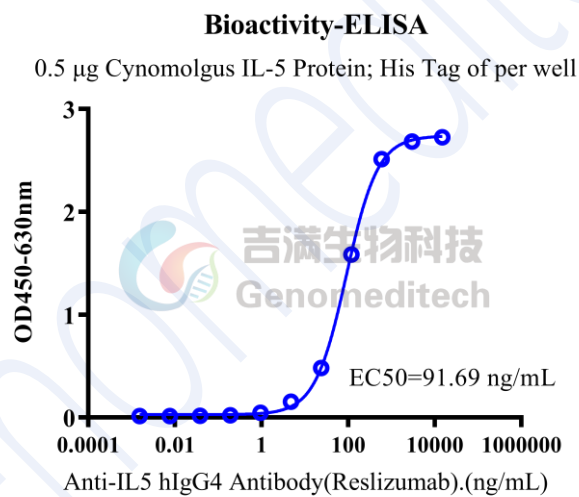


Figure 2 | Cynomolgus IL-5 Protein; His Tag (Catalog # GM-88540RP) was immobilized at 5 µg/ml (100 µL/well). Increasing concentrations of Anti-IL5 hIgG4 Antibody(Reslizumab) (Catalog # GM-52408AB) were added.

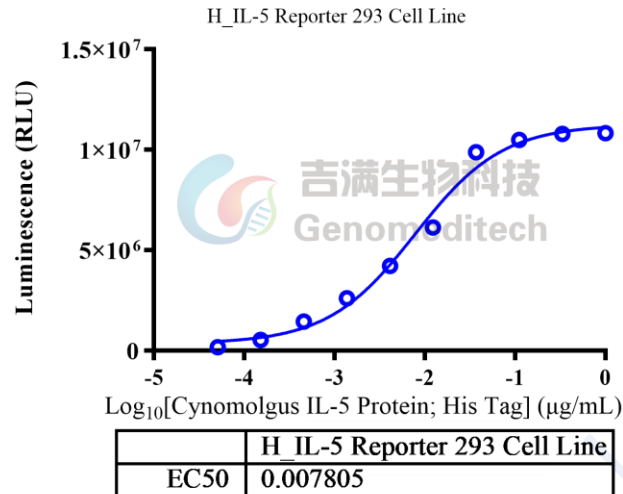


Figure 3 | Cynomolgus IL-5 Protein; His Tag (Catalog # GM-88540RP) was added into H_IL-5 Reporter 293 Cell Line (Catalog # GM-C06723) and stimulates related signals.

Related Products

IL-4/IL-13	
IL-4 Reporter Cell Line	IL-4/IL-13 Reporter 293 Cell Line
IL-4/IL-13 Reporter 293 DDX35TM Cell Line	Cynomolgus_IL4R CHO-K1 Cell Line
H_IL4R CHO-K1 Cell Line	H_IL4R CHO-K1 Cell Line (Low Expression)
H_IL4R HEK-293 Cell Line	Mouse_IL4R CHO-K1 Cell Line
Anti-IL13 hIgG4 Reference Antibody (Lebriobio)	Anti-IL-4R hIgG1 Antibody(12B5)
Anti-IL4R hIgG4 Antibody(Dupilumab)	Anti-IL4R hIgG4 Reference Antibody (Dupbio)
Anti-IL-4R×IL31 hIgG4 Reference Antibody (PRO2198)	Anti-Mouse IL-4RA mIgG1 Antibody
Biotinylated Human IL-4R alpha Protein; Avi-His Tag	Cynomolgus IL-13 Protein; His Tag
Cynomolgus IL-13RA1 Protein; His Tag	Cynomolgus IL-4 Protein; His Tag
Cynomolgus IL-4R alpha Protein; His Tag	Human IL-13 Protein; His Tag
Human IL-13RA1 Protein; hFc Tag	Human IL-13RA1 Protein; His Tag
Human IL-4 Protein; His Tag	Human IL-4R alpha Protein; hFc Tag
Human IL-4R alpha Protein; His Tag	Human IL-4R alpha Protein; mFc Tag
Mouse IL-13 Protein; His Tag	Mouse IL-4R alpha Protein; His Tag
Rat IL-4R alpha Protein; His Tag	
TSLP:TSLPR	
H_TSLP Reporter 293 Cell Line	H_TSLP Reporter Cell Line
H_TSLPR CHO-K1 Cell Line	H_TSLPR IL7RA BaF3 Cell Line
Anti-H_TSLPR hIgG1 Antibody	Anti-TSLP hIgG2 Antibody(Tezepelumab)
Anti-TSLP hIgG2 Reference Antibody (Tezbio)	
Biotinylated Human TSLP Protein; His-Avi Tag	Cynomolgus TSLP Protein; His Tag
Human TSLP Protein; hFc Tag	Human TSLP Protein; His Tag
Human TSLPR Protein; hFc Tag	Human TSLPR Protein; His Tag
IL-5	
H_IL-5 Reporter 293 Cell Line	Cynomolgus_IL-5RA HEK-293 Cell Line
H_IL-5RA CHO-K1 Cell Line	H_IL-5RA HEK-293 Cell Line
Anti-IL5 hIgG4 Antibody(Reslizumab)	Anti-IL-5R hIgG1 Antibody(Benralizumab)
Human IL-5 Protein; hFc Tag	Human IL-5 Protein; His Tag