Human IL5 Protein, His Tag Cat. No. PME100085



## **PRODUCT INFORMATION**

SynonymsIL-5;TRF;Interleukin-5;EDFDescriptionRecombinant Human IL5 protein with C-terminal 6 KH is tagDeliveryIn StockUniprot IDP05113Expression HostHEK293TagC-6×H is TagMolecular CharacterizationIL5(IIe20-Ser134) 6×H is tagMolecular WeightThe protein has a predicted molecular mass of 13.94 kDa after removal of the signal peptide. The apparent molecular mass of IL5-His is approximately 15-25 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.Formulation & Lyophilized form strelie PBS, pH 7.4. Normaly 5 % - 8% trehalose is added as protectants before lyophilized form strelie PBS, pH 7.4. Normaly 5 % - 8% trehalose excertificate of Analysis for specific instructions of reconstitution. Hore use within a month, aliquot and store at.80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. This gene encodes a cytokine that acts as a growth and differentiation factor for both B cells and or role philis. The reconstitution, if not intended of proteins are shipped at ambient temperature. This gene actodes of exclosing phil form abdrogeness of exclosing philis. The increased production of this cytokine may be related to bathogenesis of exclosing built is receptor, which is a heterodimer, whose beta subunt is shared with the receptors for interlewine 3 (L3) and colony stimulating factor 2 (CSF2/GM-CSF). This gene is located on chromosome 5 within a cytokine gene cluster which includes interlewine 3 (L4) and L3) and ybe regulated coordinately by long-range regulatory element spread ower 120 kliobases on chromosome 5 sof11.Backg	Target	IL5
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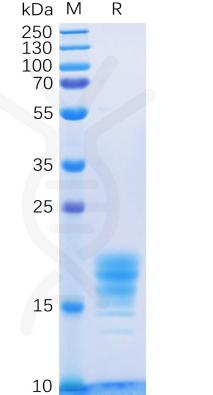


Figure 1. Human IL5 Protein, His Tag on SDS-PAGE under reducing condition.

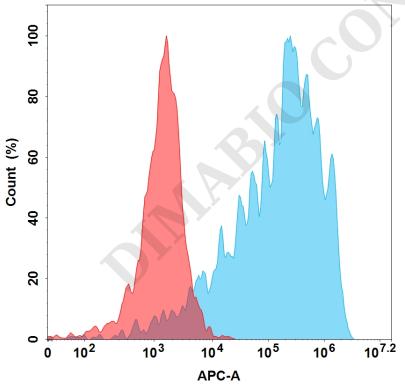


Figure 2. Flow cytometry analysis with 1  $\mu$ g/mL Human IL5 Protein, His Tag (PME100085) on Expi293 cells transfected with Human IL5RA protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com Website: www.dimabio.com





## Human IL5, His tagged protein ELISA

0.5  $\mu g$  of Human IL5, His tagged protein per well

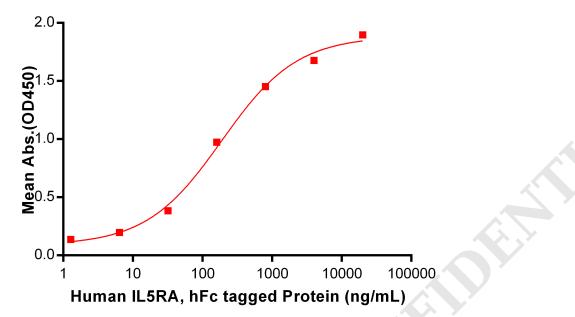


Figure 3. ELISA plate pre-coated by 5 μg/mL (100 μL/well) Human IL5 protein, His Tag (PME100085) can bind Human IL5RA Protein, hFc Tag PME100536 in a linear range of 6.4-4000 ng/mL.

