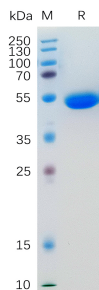


## Recombinant Human IL-5 Protein (Fc Tag) (A318201)

### Specifications:

Name:	Recombinant Human IL-5 Protein (Fc Tag)
Applications:	ELISA, SDS-PAGE, Flow Cytometry
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Sequence:	IL5(Ile20-Ser134)+hFc(Glu99-Ala330)
Tag:	C-terminal Human Fc Tag
Molecular Weight:	The protein has a predicted molecular mass of 39.3 kDa after removal of the signal peptide. The apparent molecular mass of IL5-hFc is approximately 35-55 kDa due to glycosylation.
Conjugate:	Unconjugated
Purity:	> 95%, by SDS-PAGE and Coomassie blue staining.
Product Form:	Lyophilized
Concentration:	Reconstitution dependent.
Formulation:	Lyophilized from sterile Phosphate Buffered Saline, pH 7.4. Normally 5%-8% Trehalose is added as a protectant before lyophilization.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

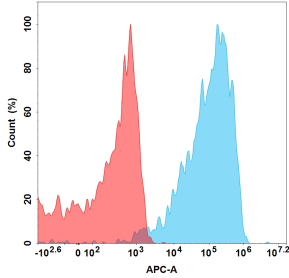
### Images:



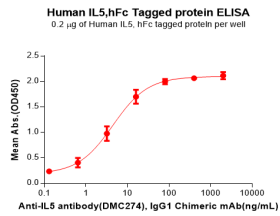
Recombinant Human IL-5 Protein (Fc Tag) (A318201) on SDS-PAGE under reducing conditions.

## Recombinant Human IL-5 Protein (Fc Tag) (A318201)

Images continued:



Flow cytometry analysis with Recombinant Human IL-5 Protein (Fc Tag) (A318201) at 15  $\mu\text{g/ml}$  on Expi293 cells transfected with Human IL5RA protein (blue histogram) or Expi293 transfected with irrelevant protein (red histogram).



ELISA plates were pre-coated with 2  $\mu\text{g/ml}$  (100  $\mu\text{l/well}$ ) Recombinant Human IL-5 Protein (Fc Tag) (A318201) which can bind Anti-IL-5 Chimeric Antibody [DMC274] - Azide free (A318784) in a linear range of 0.64-16  $\mu\text{g/ml}$ .