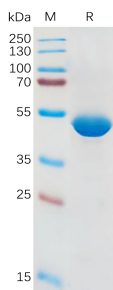


Recombinant Human IL-1 beta Protein (Fc Tag) (A317954)

Specifications:

Name:	Recombinant Human IL-1 beta Protein (Fc Tag)
Applications:	ELISA, SDS-PAGE
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Sequence:	IL1B(Ala117-Ser269)+hFc(Glu99-Ala330)
Tag:	C-terminal Human Fc Tag
Molecular Weight:	The protein has a predicted molecular mass of 43.5 kDa after removal of the signal peptide. The apparent molecular mass of IL1B-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.

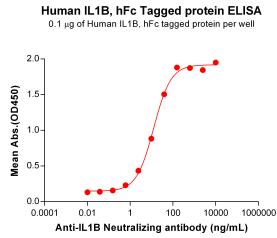
Images:



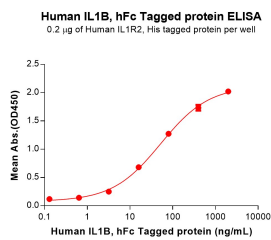
SDS-PAGE of Recombinant Human IL-1 beta Protein (Fc Tag) (A317954) under reducing conditions.

Recombinant Human IL-1 beta Protein (Fc Tag) (A317954)

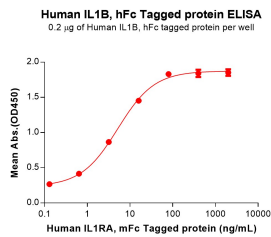
Images continued:



ELISA plates were pre-coated with Recombinant Human IL-1 beta Protein (Fc Tag) (A317954) at 1 µg/ml (100 µl/well) which can bind Canakinumab Biosimilar - Anti-IL-1 beta Antibody - BSA and Azide free (A318851) in a linear range of 0.61-156.25 ng/ml.



ELISA plates were pre-coated with Recombinant Human IL-1R-2 Protein (6×His Tag) (A318024) at 2 µg/ml (100 µl/well) which can bind Recombinant Human IL-1 beta Protein (Fc Tag) (A317954) in a linear range of 3.20-400 ng/ml.



ELISA plates were pre-coated with Recombinant Human IL-1 beta Protein (Fc Tag) (A317954) at 2 µg/ml (100 µl/well) which can bind Recombinant Human IL1 Receptor I/IL-1R-1 Protein (Fc Tag) (A325008) in a linear range of 0.64-80 ng/ml.