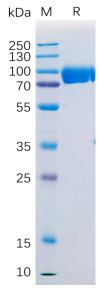
Recombinant Human SIRP alpha Protein (Fc Tag) (A318207)

Specifications:

Name:	Recombinant Human SIRP alpha Protein (Fc Tag)
Applications:	ELISA, SDS-PAGE
Expression System:	HEK293 cells
Nature:	Recombinant
Protein Species:	Human
Protein Length:	Protein fragment.
Sequence:	SIRPa(Glu31-Tyr373)+mFc(Pro99-Lys330)
Tag:	C-terminal Mouse Fc Tag
Molecular Weight:	The protein has a predicted molecular mass of 63.8 kDa after removal of the signal peptide. The apparent molecular mass of SIRPa-mFc is approximately 70-100 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.

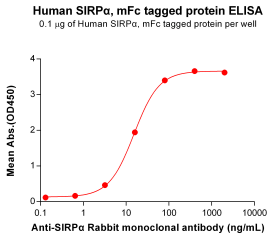
Images:



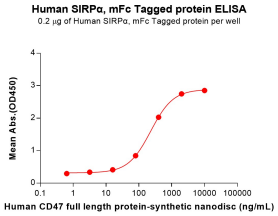
SDS-PAGE of Recombinant Human SIRP alpha Protein (Fc Tag) (A318207) under reducing conditions.

Recombinant Human SIRP alpha Protein (Fc Tag) (A318207)

Images continued:



ELISA plates were pre-coated with Recombinant Human SIRP alpha Protein (Fc Tag) (A318207) at 1 μg/ml (100 μl/well) which can bind anti-SIRPa antibody, Rabbit mAb clone: DM8 in a linear range of 3.2-80 ng/ml.



ELISA plates were pre-coated with Recombinant Human SIRP alpha Protein (Fc Tag) (A318207) at 2 μg/ml (100 μl/well) which can bind Synthetic Nanodisc Human CD47 Protein (A317351) in a linear range of 80-2000 ng/ml.