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Human SIRP-alpha/CD172a Recombinant Protein (84-954)

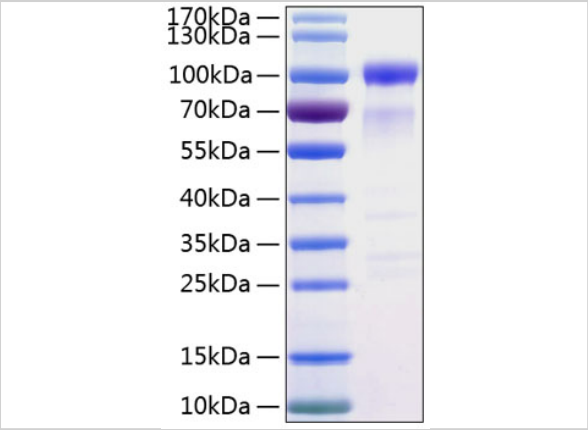
CATALOG NUMBER: 84-954

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-hFc&His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	64.10 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human CD47 at 1 μg/mL (100 μL/well) can bind Recombinant Human SIRP alpha with a linear range of 1-6 ng/mL. 2.Loaded Human SIRP-alpha/CD172a Protein, C-hFc&His on ProA Biosensor, can bind Human CD47 Protein, C-His Tag with an affinity constant of 11.1 nM as determined in BLI assay (Gator). 3.Measured by the ability of the immobilized protein to support the adhesion of the OVCAR-3 cells. The ED_{50} for this effect is 0.53-2.12 μg/mL.

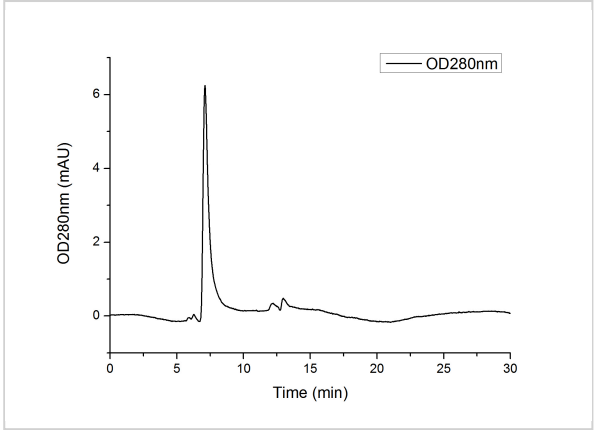
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥ 90 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



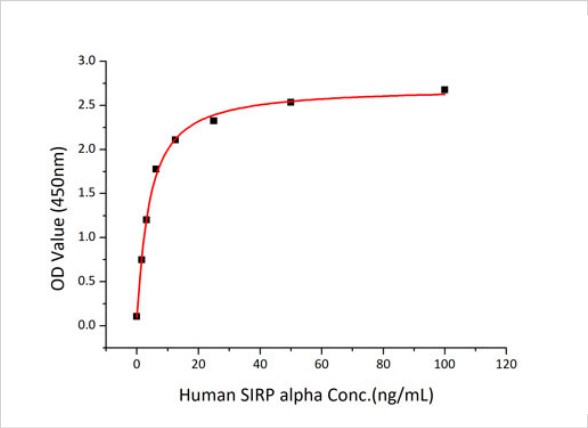
84-954_1

Recombinant Human SIRP-alpha/CD172a Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



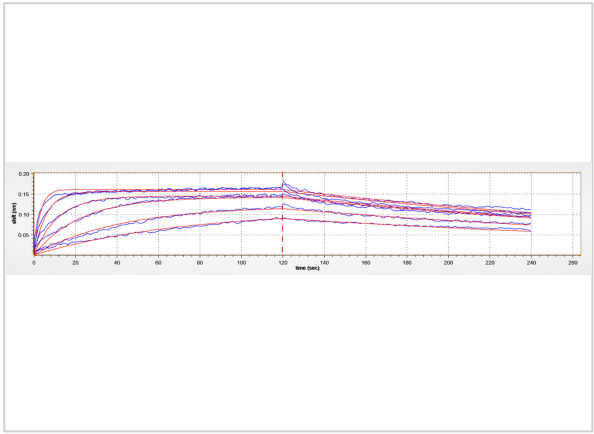
84-954_2

The purity of Human SIRP alpha/CD172a Protein (Cat.84-954) was greater than 90% as determined by SEC-HPLC.



84-954_3

Immobilized Recombinant Human CD47 at 1 μg/mL (100 μL/well) can bind Recombinant Human SIRP alpha with a linear range of 1-6 ng/mL.



84-954_4

Loaded Human SIRP-alpha/CD172a Protein, C-hFc&His(Catalog: 84-954) on ProA Biosensor, can bind Human CD47 Protein, C-His Tag (Catalog: 85-372) with an affinity constant of 11.1 nM as determined in ...

Disclaimer

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