

## Human SIRP-alpha/CD172a protein (Recombinant) (C-hFc & His) (STJP002591)

### GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

### PRODUCT PROPERTIES

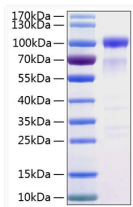
Formulation	Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

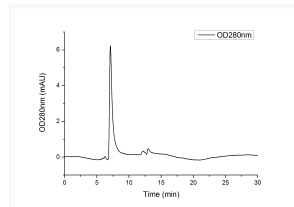
Gene ID	<a href="#">140885</a>
Gene Symbol	<a href="#">SIRPA</a>
UniProt ID	<a href="#">SHPS1_HUMAN</a>
Immunogen Region	Glu31-Arg370
Immunogen Sequence	EEELQVIQPDKSVLVAAGET ATLRCATATSLIPVGPIQWFR GAGPGRELIYNQKEGHFPRV TTVSDLTKRNNMDFSIRIGN ITPADAGTYCYVKFRKGGSPD DVEFKSGAGTELSVRAPKPSA PVVSGPAARATPQHTVSFTC ESHGFSPRDITLKWFKNGNE LSDFQTNVDPVGESVSYSIH STAKVVLTRDVDHSQVICEV AHVTLQGDPLRGTANLSETI RVPPTLEVTQQPVRAENQV

### ADDITIONAL INFORMATION

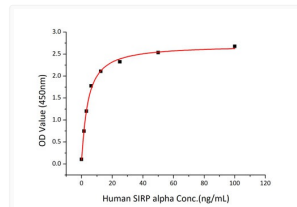
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



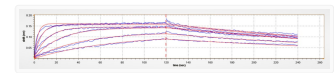
Recombinant Human SIRP-alpha/CD172a Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-100 kDa.



The purity of Human SIRP alpha/CD172a Protein (Cat. STJP002591) was greater than 90% as determined by SEC-HPLC.



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



Loaded Human SIRP-alpha/CD172a Protein, C-hFc&His (Catalog: STJP002591) on ProA Biosensor, can bind Human CD47 Protein, C-His Tag (Catalog: STJP001297) with an affinity constant of 11.1 nM as determined in BLI assay (Gator).