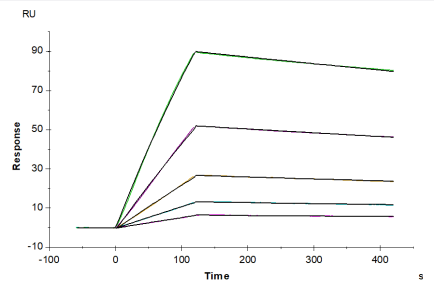
Siglec-2 (Rhesus macaque) Recombinant Protein

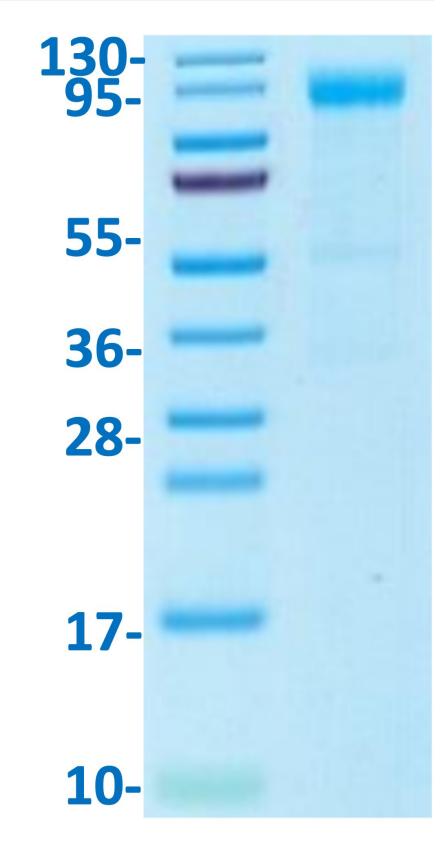
Catalog # P11102 Size 100 ug

Applications



Surface Plasmon Resonance

Anti-Siglec-2 Antibody captured on CM5 Chip via Protein A can bind Rhesus macaque siglec-2, His Tag with an affinity constant of 0.92 uM as determined in SPR assay (Biacore T200).



Bis-Tris PAGE

Rhesus macaque Siglec-2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

Specification

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Product Description	Rhesus macaque Siglec-2 (EHH29920.1, Ser20-Arg686) partial recombinant protein with His tag at the C-Terminus expressed in HEK324 cells.
Sequence	Ser20-Arg686
Host	Human
Theoretical MW (kDa)	76.14
Reactivity	Macaque
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by Tris-Bis PAGE
Endotoxin Level	< 1 EU per 1 ug as determined by the LAL method.
Activity	The affinity was 0.92 uM as determined in SPR assay.
Recommend Usage	Biological Activity SPR Tris-Bis PAGE SEC-HPLC The optimal working dilution should be determined by the end user.
Storage Buffer	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Storage Instruction	Store at -80°C for 12 months. Aliquot to avoid repeated freezing and thawing.
Note	Please use within one month after protein reconstitution.

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay
- Surface Plasmon Resonance

  Anti-Siglec-2 Antibody captured on CM5 Chip via Protein A can bind Rhesus macaque siglec-2, His Tag with an affinity constant of 0.92 uM as determined in SPR assay (Biacore T200).

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Gene Info — CD22

Entrez GeneID	933
Protein Accession#	EHH29920.1
Gene Name	CD22
Gene Alias	FLJ22814, MGC130020, SIGLEC-2, SIGLEC2
Gene Description	CD22 molecule
Omim ID	107266
Gene Ontology	Hyperlink
Other Designations	CD22 antigen

Pathway

- B cell receptor signaling pathway
- Cell adhesion molecules (CAMs)
- Hematopoietic cell lineage

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Scleroderma

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