

Recombinant Human Siglec-2/CD22 Protein

Catalog No.: RP01199

Sequence Information

Species	Gene ID
Human	933
Swiss Prot	Tags
P20273	C-hFc&His

Synonyms

CD22, SIGLEC-2, SIGLEC2, CD22 molecule, SIGLEC-2, SIGLEC2

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW Observed MW

101.93 kDa 140-180 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Human Siglec-2/CD22 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Asp20-Arg687) of human Siglec-2/CD22 (Accession #NP_001762.2) fused with a Fc, 6×His tag at the C-terminus.

Activity

Measured by its binding ability in a functional ELISA. Immobilized Human CD22 (Catalog: RP01199) at 0.5 μg/mL (100 μL/well) can bind anti CD22 Rabbit mAb with a linear range of 0.01-1.28ng/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

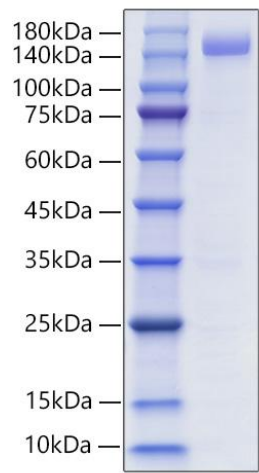
Contact

☎ | 400-999-6126

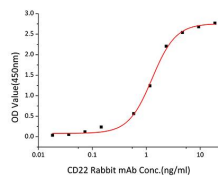
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Validation Data



Recombinant Human Siglec-2/CD22 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human CD22 (Catalog: RP01199) at 0.5 µg/mL (100 µL/well) can bind anti CD22 Rabbit mAb with a linear range of 0.01-1.28ng/mL.