

Recombinant Human Siglec-2/CD22 Protein

Catalog No.: RP01199 Recombinant 1 Publications

Sequence Information

Species Gene ID Swiss Prot Human 933 P20273

Tags

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 140-150 kDa

Endotoxin

< 0.1 EU/ μ g 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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 $\#NP_01762.2$) fused with a Fc, 6×His tag at the C-terminus.

Bio-Activity

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

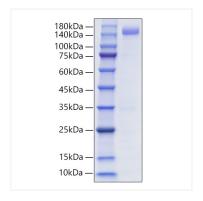
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

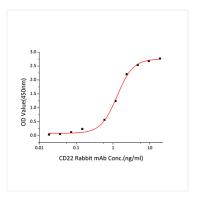
After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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 μ g/mL (100 μ L/well) can bind anti CD22 Rabbit mAb with a linear range of 0.01-1.28ng/mL.