

# FITC-Labeled Recombinant Human Siglec-2/CD22 Protein

Catalog No.: RP00579FLQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	933	P20273-1

### Tags

C-hFc

### Synonyms

CD22 molecule; CD22; Siglec-2; B-cell receptor CD22; BL-CAM; SIGLEC2; SIGLEC2FLJ22814

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE

Calculated MW	Observed MW
101.9 kDa	130-140 kDa

### Endotoxin

< 1 EU/μg of the protein by LAL method

### Formulation

Supplied as 0.22 μm filtered solution in PBS (pH 7.4).

### Reconstitution

## Background

CD22, or cluster of differentiation-22, is a molecule belonging to the SIGLEC family of lectins. It is found on the surface of mature B cells and to a lesser extent on some immature B cells. CD22 a member of the immunoglobulin superfamily. CD22 functions as an inhibitory receptor for B cell receptor (BCR) signaling. It is also involved in the B cell trafficking to Peyer's patches in mice.

## Basic Information

### Description

FITC-Labeled 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 #P20273-1) fused with a C-hFc tag at the C-terminus.

### Bio-Activity

### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Contact

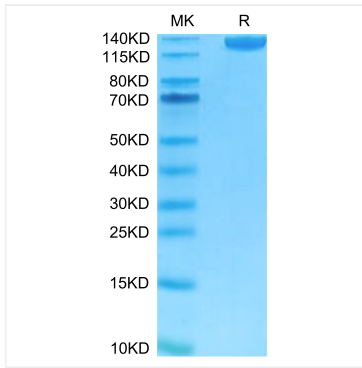
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## Validation Data

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FITC-Labeled Human Siglec-2/CD22 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.