

## Siglec-2/CD22 Recombinant Protein | CD22 recombinant protein

Biotinylated Human Siglec-2/CD22 Protein Recombinant

|           |                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CATALOG # | HOST                                                                                                                                    |
| AAA76212  | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.) |

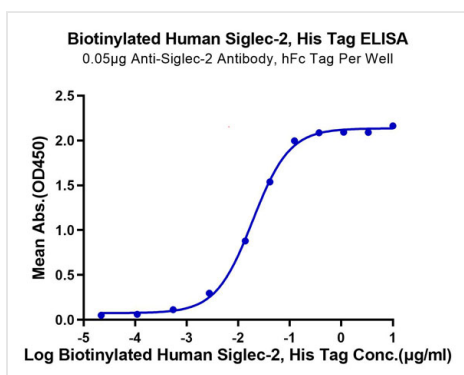
### PRODUCT SYNONYMS

Siglec-2/CD22; Biotinylated Human Siglec-2/CD22 Protein Recombinant; CD22 recombinant protein

### PRODUCT SPECIFICATIONS

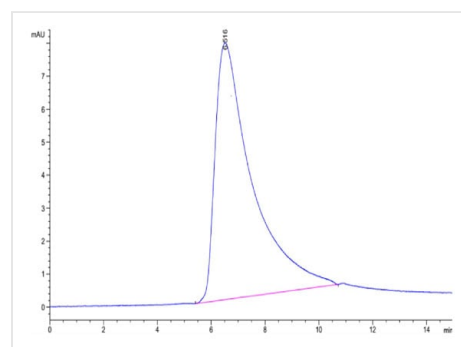
|                         |                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)                                                                   |
| Purity/Purification     | >95%, as determined by SDS-PAGE and HPLC                                                                                                                                                                  |
| Form/Format             | Recombinant Human Siglec-2/CD22 was lyophilized from 0.2 um filtered PBS solution pH7.4                                                                                                                   |
| Source                  | DNA sequence encoding Human Siglec-2/CD22 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology. |
| Endotoxin               | Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).                                                                                  |
| Biological Process      | Cell-adhesion                                                                                                                                                                                             |
| Reconstitution          | Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM                                                                                                                          |
| Preparation and Storage | The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.                                                                                                              |

### IMAGES



#### ELISA

Biotinylated Human Siglec-2/CD22 Protein ELISA Data: Immobilized Anti-Siglec-2 Antibody, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human Siglec-2, His Tag with the EC50 of 19.1ng/ml determined by ELISA.



#### Application Data

Biotinylated Human Siglec-2/CD22 Protein SEC-HPLC: The purity of Biotinylated Human Siglec-2 is greater than 95% as determined by SEC-HPLC.



#### Tris-Bis-PAGE

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

### ADDITIONAL INFORMATION

|                                                        |                       |
|--------------------------------------------------------|-----------------------|
| Product Categories/Family for CD22 recombinant protein | Biotinylated proteins |
|--------------------------------------------------------|-----------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 297374825                                                                                                                                                                                  |
| NCBI GeneID                      | 933                                                                                                                                                                                        |
| NCBI Accession #                 | NP_001172028.1                                                                                                                                                                             |
| NCBI GenBank Nucleotide #        | NM_001185099.1                                                                                                                                                                             |
| UniProt Accession #              | P20273; O95699; O95701; O95702; O95703; Q01665; Q92872; Q92873; Q9UQA6; Q9UQA7; Q9UQA8; F5H7U3                                                                                             |
| Molecular Weight                 | 95,348 Da                                                                                                                                                                                  |
| NCBI Official Full Name          | B-cell receptor CD22 isoform 2                                                                                                                                                             |
| NCBI Official Synonym Full Names | CD22 molecule                                                                                                                                                                              |
| NCBI Official Symbol             | CD22                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | SIGLEC2; SIGLEC-2                                                                                                                                                                          |
| NCBI Protein Information         | B-cell receptor CD22; BL-CAM; CD22 antigen; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid binding Ig-like lectin 2; sialic acid-binding Ig-like lectin 2 |
| UniProt Protein Name             | B-cell receptor CD22                                                                                                                                                                       |
| UniProt Gene Name                | <b>CD22</b>                                                                                                                                                                                |
| UniProt Synonym Gene Names       | SIGLEC2; BL-CAM; Siglec-2                                                                                                                                                                  |
| UniProt Entry Name               | CD22_HUMAN                                                                                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
 Online datasheet: <https://www.aaabiotech.com/cd22-recombinant-protein-hek293/76212>