

## Syndecan-2/CD362 Recombinant Protein | SDC2 recombinant protein

Recombinant Human Syndecan-2/CD362 Protein (ECD, hFc Tag), HPLC-verified

|                               |                             |                            |
|-------------------------------|-----------------------------|----------------------------|
| CATALOG #<br><b>AAA259318</b> | HOST<br><b>HEK293 Cells</b> | REACTIVITY<br><b>Human</b> |
|-------------------------------|-----------------------------|----------------------------|

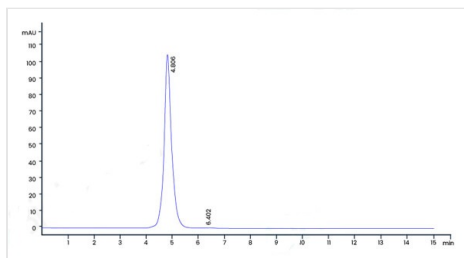
### PRODUCT SYNONYMS

Syndecan-2/CD362; Recombinant Human Syndecan-2/CD362 Protein (ECD; hFc Tag); HPLC-verified; Human Syndecan-2/CD362 Protein (ECD; Fc Tag); syndecan 2; CD362 Protein; Human; fibroglycan Protein; HSPG Protein; HSPG1 Protein; SYND2 Protein; SDC2 recombinant protein

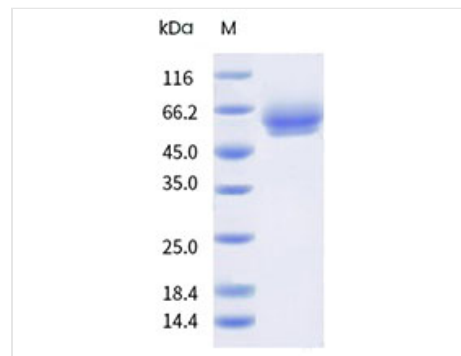
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification     | >= 95% as determined by SDS-PAGE. >= 95% as determined by SEC-HPLC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format             | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence                | Glu19-Glu144                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag                     | C-human IgG1-Fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Predicted N Terminal    | Glu 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Endotoxin               | < 1.0 EU perug protein as determined by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Construction    | A DNA sequence encoding the Human SDC2 (NP_002989.2)(Glu19-Glu144, H229Y) was expressed with the Fc region of human IgG1 at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage | <p>Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <p>In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.</p> |

### IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                  |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SDC2 recombinant protein | The key players in the miR-20a-5p/SDC2 axis may be a potential test biomarker and therapeutic target for OS patients. SDC2 methylation as a blood-based DNA test for early detection of colorectal cancer (CRC). |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 40548378                                                                                                                                                                                                     |
| NCBI GeneID                      | 6383                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_002989.2                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_002998.3                                                                                                                                                                                                  |
| UniProt Accession #              | P34741; Q6PIS6; Q9H6V1; B3KQA3                                                                                                                                                                               |
| Molecular Weight                 | 22,160 Da                                                                                                                                                                                                    |
| NCBI Official Full Name          | syndecan-2                                                                                                                                                                                                   |
| NCBI Official Synonym Full Names | syndecan 2                                                                                                                                                                                                   |
| NCBI Official Symbol             | SDC2                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | HSPG; CD362; HSPG1; SYND2                                                                                                                                                                                    |
| NCBI Protein Information         | syndecan-2; fibroglycan; syndecan proteoglycan 2; heparan sulfate proteoglycan core protein; cell surface-associated heparan sulfate proteoglycan 1; heparan sulfate proteoglycan 1, cell surface-associated |
| UniProt Protein Name             | Syndecan-2                                                                                                                                                                                                   |
| UniProt Gene Name                | SDC2                                                                                                                                                                                                         |
| UniProt Synonym Gene Names       | HSPG1; SYND2; HSPG                                                                                                                                                                                           |
| UniProt Entry Name               | SDC2_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.

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Online datasheet: <https://stage.aaabiotech.com/sdc2-recombinant-protein-hek293-cells/259318>