

Datasheet for ABIN7275681

Syndecan 1 Protein (SDC1) (AA 23-254) (His tag)[Go to Product page](#)**2** Images

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | Syndecan 1 (SDC1) |
| Protein Characteristics: | AA 23-254 |
| Origin: | Rabbit |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Syndecan 1 protein is labelled with His tag. |

Product Details

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| Purpose: | Rabbit Syndecan-1 Protein |
| Sequence: | Leu23-Gly254 |
| Characteristics: | Recombinant Rabbit Syndecan-1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu23-Gly254. |
| Purity: | > 90 % as determined by Tris-Bis PAGE, > 90 % as determined by HPLC |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | Less than 1EU per µg by the LAL method. |

Target Details

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| Target: | Syndecan 1 (SDC1) |
| Alternative Name: | Syndecan-1 (SDC1 Products) |

Target Details

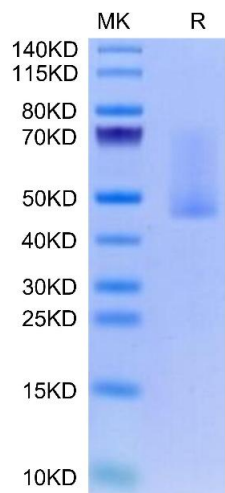
| | |
|-------------------|---|
| Background: | CD138 (syndecan-1, Sdc-1) is a member of the syndecan family that comprises heparan sulfate proteoglycans. CD138 is significant for cell-cell and cell-matrix interactions. CD138 plays a crucial role in carcinogenesis and is an attractive target for anticancer treatment with heparanase inhibitors and anti-CD138 antibodies for immunotherapy. |
| Molecular Weight: | 24.57 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Tris-Bis PAGE result. |
| NCBI Accession: | XP_008252990 |
| Pathways: | Glycosaminoglycan Metabolic Process , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Lipid Metabolism |

Application Details

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|---------------|-----------------------|
| Restrictions: | For Research Use only |
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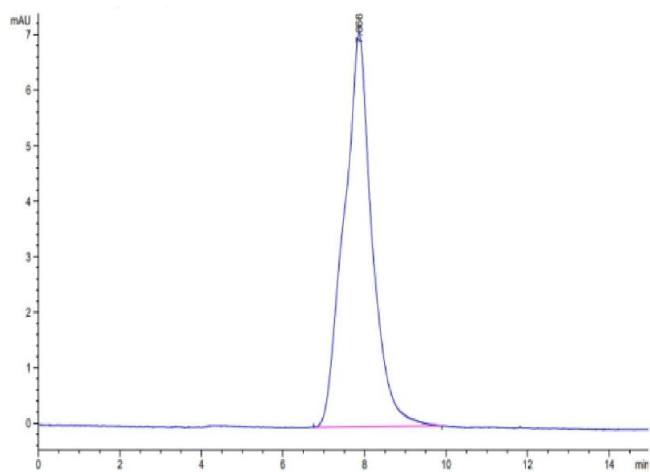
Handling

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| Format: | Lyophilized |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water. |
| Buffer: | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |



SDS-PAGE

Image 1. Rabbit Syndecan-1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Rabbit Syndecan-1 is greater than 95 % as determined by SEC-HPLC.