

Datasheet for ABIN7092859

Syndecan 1 Protein (SDC1) (AA 23-254) (Fc Tag)[Go to Product page](#)**1** Image

Overview

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

Product Details

Purpose:	Recombinant mouse CD138 protein with C-terminal human Fc tag
Specificity:	Mouse CD138 (Gln23-Leu254) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Syndecan 1 (SDC1)
Alternative Name:	CD138 (SDC1 Products)
Background:	Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links

Target Details

the cytoskeleton to the interstitial matrix. Regulates exosome biogenesis in concert with SDCBP and PDCD6IP.[UniProtKB/Swiss-Prot Function]

Molecular Weight: predicted molecular mass of 50.3 kDa after removal of the signal peptide.The apparent molecular mass of mCD138-hFc is 55-70 kDa due to glycosylation.

UniProt: [P18828](#)

Pathways: [Glycosaminoglycan Metabolic Process](#), [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#), [Lipid Metabolism](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

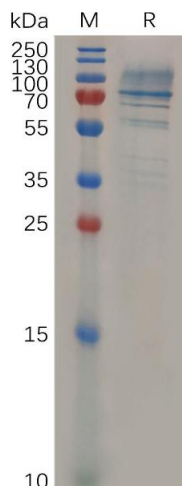
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Images



SDS-PAGE

Image 1. Mouse CD138 Protein, hFc Tag on SDS-PAGE under reducing condition.