

Active Recombinant Mouse Sdc4 Protein, His-tagged

Cat. No. Sdc4-963M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Sdc4 (Accession # O35988) Glu24-Val146, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Glu24-Val146
Predicted N Terminal	Glu24
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of A431 human epithelial carcinoma cells. When 5×10^4 cells/well are added to mouse Syndecan-4 and human Fibronectin (0.5 µg/mL) coated plates, cell adhesion is enhanced in a dose dependent manner after 45 minutes at 37 °C. The ED50 for this effect is typically 1 - 4 µg/mL.
Molecular Mass	Recombinant Mouse Sdc4, His-tagged has a calculated MW of 14.3 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	Sdc4 syndecan 4 [Mus musculus]
Official Symbol	Sdc4
Synonyms	SDC4; syndecan 4; syndecan-4; ryudocan core protein; Synd4; AA959608; AW108331; ryudocan;
Gene ID	20971
mRNA Refseq	NM_011521
Protein Refseq	NP_035651
MIM	

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