

Active Recombinant Human SDC3 Protein, His-tagged

Cat. No. SDC3-685H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SDC3 (Accession # NP_055469) Gln48-Lys383, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln48-Lys383
Predicted N Terminal	No results obtained: Gln48 predicted
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to inhibit the adhesion of Saos-2 human osteosarcoma cells to human Fibronectin. When 5×10^4 cells/well are added to human Syndecan-3 and human Fibronectin (0.5 µg/mL) coated plates, cell adhesion is blocked in a dose dependent manner after 1 hour at 37 °C. The ED50 for this effect is typically 2.5 - 10 µg/mL.
Molecular Mass	Recombinant Human SDC3, His-tagged has a calculated MW of 35.5 kDa. In SDS-PAGE migrates as 100-150 kDa, reducing conditions.
Purity	>85%, 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

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	SDC3 syndecan 3 [Homo sapiens]
Official Symbol	SDC3
Synonyms	SDC3; syndecan 3; syndecan 3 (N syndecan); syndecan-3; N syndecan; SYND3; syndecan proteoglycan 3; N-syndecan; syndecan neural type; SDCN;
Gene ID	9672
mRNA Refseq	NM_014654
Protein Refseq	NP_055469
MIM	186357
UniProt ID	O75056
Chromosome Location	1pter-p22.3

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