Active Recombinant Human SDC2, His-tagged

Cat. No. SDC2-334H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SDC2 (Accession # AAH49836) Glu19-Glu144, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	19-144 a.a.
Predicted N Terminal	Glu19
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized Recombinant Human Syndecan-2 at 200 ng/mL (100 μl/well) can bind recombinant human FGF-basic with a linear range of 0.1-10 ng/mL.
Molecular Mass	Recombinant Human SDC2, His-tagged has a calculated MW of 14.8 kDa. In SDS-PAGE migrates as 35-45 kDa, reducing conditions.
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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	SDC2 syndecan 2 [Homo sapiens]
Official Symbol	SDC2
Synonyms	SDC2; syndecan 2; heparan sulfate proteoglycan 1, cell surface associated , HSPG, HSPG1; syndecan-2; CD362; fibroglycan; SYND2; syndecan proteoglycan 2; heparan sulfate proteoglycan core protein; cell surface-associated heparan sulfate proteoglycan 1; heparan sulfate proteoglycan 1, cell surface-associated; HSPG; HSPG1;
Gene ID	6383
mRNA Refseq	NM_002998
Protein Refseq	NP_002989
MIM	142460
UniProt ID	P34741
Chromosome Location	8q22-q23

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