

## Recombinant Human SDC2 cell lysate

Cat. No. SDC2-1575HCL    Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-2 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-2 expression has been detected in several different tumor types.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	SDC2 syndecan 2 [ Homo sapiens ]
<b>Official Symbol</b>	SDC2
<b>Synonyms</b>	SDC2; syndecan 2; heparan sulfate proteoglycan 1, cell surface associated , HSPG,

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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

**Pathway** Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; FGF signaling pathway, organism-specific biosystem; Malaria, organism-specific biosystem; Malaria, conserved biosystem;

**Function** PDZ domain binding; cytoskeletal protein binding; protein binding;

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