

Recombinant Human SDC2 Protein, His-tagged

Cat. No. SDC2-213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SDC2 (NP_002989.2) (Met1-Glu144) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-144 a.a.
Predicted N Terminal	Glu 19
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human SDC2 consists 137 amino acids and predicts a molecular mass of 15.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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

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pathway, organism-specific biosystem; Malaria, organism-specific biosystem; Malaria, conserved biosystem;

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