

SDC2 Protein, Human, Recombinant (His)

General Information

Synonyms:	CD362;SDC2;HSPG;HSPG1;Syndecan-2;SYND2;Heparan Sulfate Proteoglycan Core Protein; Fibroglycan
Protein Construction:	Glu19-Glu144
Species:	Human
Expression Host:	HEK293 Cells
Accession:	AAH49836.1
Molecular Weight:	25-40 KDa (reducing condition)
AA Sequence:	Glu19-Glu144

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM Tris-Citrate, 150 mM NaCl, pH 7.0.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Syndecan-2 is a member of the Syndecans family comprised of type I transmembrane heparan sulfate proteoglycans (HSPG) that are involved in the regulation of many cellular processes. Four sub-types of mammalian Syndecans have been reported and among them, Syndecan-2 plays a role in the cancer development. It can affect the basal and chemotherapy-induced apoptosis in osteosarcoma. It can also suppress

A DRUG SCREENING EXPERT

MMP2 activation, suppressing metastasis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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