

Recombinant Human Syndecan-2/SDC2 Protein (His Tag)



Catalog Number: PKSH033091

Note: Centrifuge before opening to ensure complete recovery of vial contents.

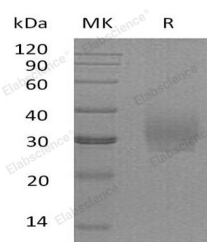
Description

Synonyms	Syndecan-2;SYND2;Fibroglycan;Heparan Sulfate Proteoglycan Core Protein;HSPG;CD362;SDC2;HSPG1
Species	Human
Expression Host	HEK293 Cells
Sequence	Glu19-Glu144
Accession	AAH49836.1
Calculated Molecular Weight	15.0 kDa
Observed molecular weight	25-40 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-Citrate, 150mM NaCl, pH 7.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the p
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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 MMP2 activation, suppressing metastasis.

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