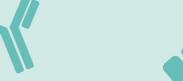
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Datasheet for ABIN7319064

Syndecan 2 Protein (SDC2) (His tag)

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Quantity:	50 μg
Target:	Syndecan 2 (SDC2)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Syndecan 2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Syndecan-2/SDC2 Protein (His Tag)(Active)
Sequence:	Glu19-Glu144
Characteristics:	Recombinant Human Syndecan-2 is produced by our Mammalian expression system and the target gene encoding Glu19-Glu144 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human FGFb(Cat: PKSH032437) at 2µg/ml(100 µl/well) can bind Human SDC2-His. The ED50 of Human SDC2-His is 645ng/ml .

Target Details

Target:	Syndecan 2 (SDC2)

Target Details

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Alternative Name:	Syndecan-2/SDC2 (SDC2 Products)	
Background:	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.	
	Synonym: Syndecan-2, SYND2, Fibroglycan, Heparan Sulfate Proteoglycan Core Protein, HSPG,	
	CD362, SDC2, HSPG1	
Molecular Weight:	15.0 kDa	
UniProt:	P34741	
Pathways:	Glycosaminoglycan Metabolic Process	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Please refer to the printed manual for detailed information.	
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-Citrate, 150 mM NaCl, pH 7.0.	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	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.	