

Syndecan-2 (SDC2) Active Protein | SDC2 active protein

Recombinant Human Syndecan-2 (SDC2), Partial

CATALOG #
AAA235618

HOST
Mammalian Cell

PRODUCT SYNONYMS

Syndecan-2 (SDC2); Recombinant Human Syndecan-2 (SDC2); Partial; Syndecan-2; SYND2; Fibroglycan; Heparan Sulfate Proteoglycan Core Protein; HSPG; CD362; SDC2; HSPG1; SDC2 active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized from a 0.2 mum Filtered 20 mM Tris-Citrate, 150 mM NaCl, pH 7.0
Sequence Positions	19-144aa; Partial
Sequence	ESRAELTSKD DMYLDNSSIE EASGVYPIDD DDYASASGSG ADEDVESPEL TTSRPLPKIL LTSAAPKVET TTLNIQNKIP AQTKSPEETD KEKVHLSDE RKMDPAEEDT NVYTEKHSDS LFKRTE
Sequence Length	201
Species	Human
Tag	C-terminal 6xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	The ED50 as determined by its ability to bind Human FGFb in functional ELISA is less than 5 ug/ml.
Subcellular Location	Membrane, Single-Pass Type I Membrane Protein
Protein Families	Syndecan Proteoglycan Family
Classification	Other Recombinant Protein
Preparation and Storage	Store at -20 degree C. For extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for SDC2 active protein	Relevance: 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. Function: Cell surface proteoglycan that bears heparan sulfate. Regulates dendritic arbor morphogenesis (By similarity).
Product Categories/Family for SDC2 active protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	158962336
NCBI GeneID	6383
UniProt Accession #	P34741
Molecular Weight	14.98 kDa
NCBI Official Full Name	Syndecan-2
NCBI Official Synonym Full Names	syndecan 2
NCBI Official Symbol	SDC2
NCBI Official Synonym Symbols	HSPG; CD362; HSPG1; SYND2
NCBI Protein Information	syndecan-2
UniProt Protein Name	Syndecan-2
UniProt Gene Name	SDC2
UniProt Synonym Gene Names	HSPG1; SYND2; HSPG
UniProt Entry Name	SDC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/syndecan-2-sdc2/235618>