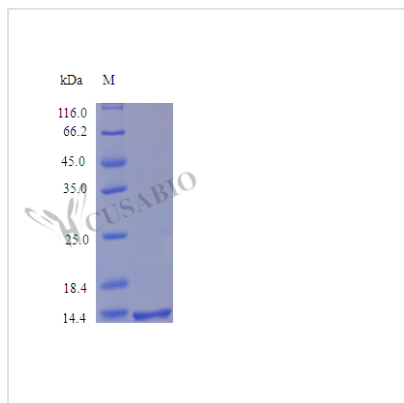




# Recombinant Human Syndecan-4 (SDC4), partial (Active)

<b>Product Code</b>	CSB-AP000331HU
<b>Abbreviation</b>	Recombinant Human SDC4 protein, partial (Active)
<b>Uniprot No.</b>	P31431
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
<b>Product Type</b>	Other
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Fully biologically active when compared to standard. The specific activity is determined by binding ability in a functional ELISA. Immobilized rHuSYND4 at 500 ng/ml (100 µl/well) can bind rHubFGF with a linear range of 0.1-10 ng/ml.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Sequence</b>	ESIRETEVID PQDLLEGARYF SGALPDDEDV VGPGQESDDF ELSGSGDLDD LEDISMIGPEV VHPLVPLDNH IPERAGSGSQ VPTEPKKLEE NEVIPKRISP VEESEDVSNK VSMSTTVQGS NIFERTE
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.coli
<b>Target Names</b>	SDC4
<b>Expression Region</b>	19-145aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	13.9 kDa
<b>Protein Length</b>	Partial
<b>PubMed ID</b>	1500433; 7916598; 8797100; 14702039; 11780052; 15489334; 8889549; 9169435; 14675776; 16007225; 21269460; 24275569; 11456484; 12842047; 16533050

**Image**


**Endotoxin**

Less than 1.0 EU/μg as determined by LAL method.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.