



# Recombinant Bovine SPARC (SPARC)

<b>Product Code</b>	CSB-EP022486BO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P13213
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	APQ QEALPDETEV VEETVAEVAE VPVGANPVQV EVGEFDDGAE ETEEVVAEN PCQNHCKHG KVCEL DENNT PMCVCDPTS CPAPIGEFEK VCSNDNKTFD SSCHFFATKC TLEGTKKGHK LLDYIGPCK YIPCLDSEL TEFPLRMRDW LKNVLVTLYE RDEDNLLTE KQKLRVKKIH ENEKRLEAGD HPVELLARDF EKNYNMYIFP VHWQFGQLDQ HPIDGYLSHT ELAPLRAPLI PMEHCTTRFF ETCDLNDKY IALDEWAGCF GIKEKDIDKD LVI
<b>Source</b>	E.coli
<b>Target Names</b>	SPARC
<b>Protein Names</b>	Recommended name: SPARC Alternative name(s): Basement-membrane protein 40 Short name= BM-40 Osteonectin Short name= ON Secreted protein acidic and rich in cysteine
<b>Expression Region</b>	18-303
<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 type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.