



Recombinant Bovine SPARC (SPARC)

Product Code	CSB-MP022486BO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P13213
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	APQ QEALPDETEV VEETVAEVAE VPVGANPVQV EVGEFDDGAE ETEEVVAEN PCQNHCKHG KVCELNNT PMCVCDPTS CPAPIGEFEK VCSNDNKTFD SSCHFFATKC TLEGTKKGHK LHDYIGPCK YIPPCLDSEL TEFPLRMRDW LKNVLVTLYE RDEDNLLTE KQKLRVKKIH ENKRLEAGD HPVELLARDF EKNYNMYIFP VHWQFGQLDQ HPIDGYLSHT ELAPLRAPLI PMEHCTTRFF ETCDLNDKY IALDEWAGCF GIKEKDIDKD LVI
Source	Mammalian cell
Target Names	SPARC
Protein Names	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
Expression Region	18-303
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.