



Recombinant Rat SPARC (Sparc)

Product Code	CSB-MP022486RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P16975
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	APQ TEAAEEMVAE ETVVEETGLP VGANPVQVEM GEFEEGAEET VEEVVAENPC QNHCKHKGK CELDESNTPM CVCQDPTSCP APIGEFEKVC SNDNKTFDSS CHFFATKCTL EGTKKGHKLH LDYIGPCKYI APCLDSELTE FPLRMRDWLK NVLVTLYERD EGNLLTEKQ KLRVKKIHEN EKRLEAGDHP VELLARDFEK NYNMYIFPVH WQFGQLDQHP IDGYLSHTEL APLRAPLIPM EHCTTRFFET CDLDNDKYIA LEEWAGCFGI KEQDINKDLV I
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	18-301
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.