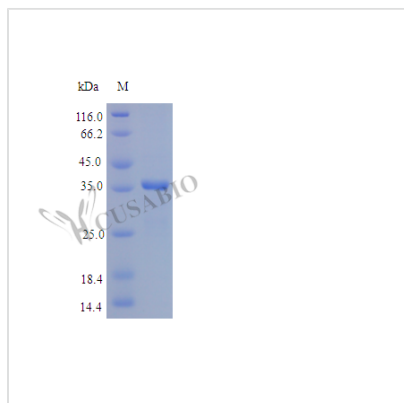




Recombinant Human SPARC protein (SPARC) (Active)

Product Code	CSB-AP000311HU
Abbreviation	Recombinant Human SPARC protein (Active)
Uniprot No.	P09486
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Other
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to inhibit the cell growth of Mv1Lu mink lung epithelial cells is less than 3.0 µg/mL, corresponding to a specific activity of >333 IU/mg.
Purity	>95% as determined by SDS-PAGE.
Sequence	MSYYHHHHHH DYDIPTTENL YFQGAMGSA+P QQEALPDETE VVEETVAEVT EVSVGANPVQ VEVGEFDDGA EETEEEVVAE NPCQNHCKH GKVCELDENN TPMCVCQDPT SCPAPIGEFE KVCSDNKTF DSSCHFFATK CTLEGTKKGH KLHLDYIGPC KYIPPCLDSE LTEFPLMRD WLKNVLVTLTY ERDEDNLLT EKQKLRVKKI HENEKRLEAG DHPVELLARD FEKNYNMYIF PVHWQFGQLD QHPIDGYLSH TELAPLRAPL IPMEHCTTRF FETCDLDNDK YIALDEWAGC FGIKQKDIDK DLVI
Research Area	Cancer
Source	E.coli
Target Names	SPARC
Expression Region	18-303aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	36.1 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	3410046; 2838412; 2790009; 2338025; 15489334; 17974005; 3597437; 2306517; 3400777; 7495300; 9457905; 8548457; 9233787; 9501084

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.