

Recombinant Mouse SPARC Protein

Catalog #	Source	Reactivity	Applications
CRP3051	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse SPARC Protein is produced by mammalian expression system and the target gene encoding Ala18-Ile302 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	SPARC		
Alternative Names	ON; SPARC; Basement-membrane protein 40; BM-40; Osteonectin; ON; Secreted protein acidic and rich in cysteine		
Entrez Gene	20692 (Mouse)		
SwissProt	P07214 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	APQQTEVAEE IVEEETVVEE TGVPVGANPV QVEMGEFEDG AEETVEEVVA DNPCQNHCK HGKVCELDES NTPMCVCQDP TSCPAPIGEF EKVCSNDNKT FDSSCHFFAT KCTLEGTKKG HKLHLDYIGP CKYIAPCLDS ELTEFPLRMR DWLKNVLVTL YERDEGNLL TEKQKLRVKK IHENEKRLEA GDHPVELLAR DFEKNYNMYI FPVHWQFGQL DQHPIDGYLS HTELAPLRAP LIPMEHCTTR FFETCDLDND KYIALEEWAG CFGIKEQDIN KDLVIVDHHH HHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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