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Product Data Sheet

Recombinant Human SPARC Protein

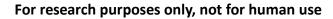
Catalog #	Source	Reactivity	Applications			
CRP2330	Human cells	Human	E, WB, SDS-PAGE, MS			
Description	Recom	binant Human SPAR	C Protein is produced by our Mammalian expression			
	system	and the target gene	encoding Ala18-Ile303 is expressed with a 6His tag at the			
	C-term	ninus.				
Form	Lyophi	lized from a 0.2 μ M f	iltered solution of 20mM PB, 150mM NaCl, pH 7.2.			
Gene Symbol	SPARC					
Alternative N	ames ON; SP	ON; SPARC; Basement-membrane protein 40; BM-40; Osteonectin; ON; Secreted				
	proteir	n acidic and rich in cy	steine			
Entrez Gene	6678 (Human)				
SwissProt	P0948	6 (Human)				
Purity	Greate	er than 95% as deterr	nined by SEC-HPLC and reducing SDS-PAGE.			
Chemical Stru	ucture APQQI	APQQEALPDE TEVVEETVAE VTEVSVGANP VQVEVGEFDD GAEETEEEVV AENPCQNHHC				
	KHGK\	CELDE NNTPMCVCC	D PTSCPAPIGE FEKVCSNDNK TFDSSCHFFA TKCTLEGTKK			
	GHKLF	ILDYIG PCKYIPPCLD S	ELTEFPLRM RDWLKNVLVT LYERDEDNNL LTEKQKLRVK			
	KIHEN	EKRLE AGDHPVELLA	RDFEKNYNMY IFPVHWQFGQ LDQHPIDGYL SHTELAPLRA			
	PLIPM	EHCTT RFFETCDLDN	DKYIALDEWA GCFGIKQKDI DKDLVIVDHH HHHH			
Quality Contr	ol Endoto	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.				
Directions for	r Use Always	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not				
	recom	mended to reconstit	ute to a concentration less than 100 μ g/ml. Dissolve the			
	lyophil	lized protein in 1X PB	S. Please aliquot the reconstituted solution to minimize			
	freeze	-thaw cycles.				
Charrana /Chala	ilia luarda:	lined water a chould	as stared at 20%C though stable at reas to represent una			

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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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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