

For research purposes only, not for human use

Product Data Sheet

Recombinant Human SIT1 Protein

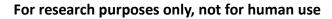
Catalog #	Source	Reactivity	Applications		
CRP2309	E. coli	Human	E, WB, SDS-PAGE, MS		
Description	F	Recombinant Human SIT1 Pr	otein is produced by our E. coli expression system and		
	t	he target gene encoding Glr	65-Ser196 is expressed with a 6His tag at the		
	Ν	N-terminus.			
Form	L	.yophilized from a 0.2 μ M fil	tered solution of 20mM Tris, 250mM Nacl, 2mM EDTA,		
	p	oH 8.0.			
Gene Symbol		SIT1			
Alternative Names		SIT; Signaling threshold-regulating transmembrane adapter 1; SHP2-interacting			
	t	ransmembrane adapter pro	tein; Suppression-inducing transmembrane adapter 1;		
	g	gp30/40			
Entrez Gene	2	27240 (Human)			
SwissProt	C	Q9Y3P8 (Human)			
Purity	G	Greater than 95% as determ	ned by reducing SDS-PAGE.		
Chemical Structure		MGSSHHHHHH SSGLVPRGSH MQWTRGRSRS HPGQGRSGES VEEVPLYGNL			
	ŀ	HYLQTGRLSQ DPEPDQQDPT	LGGPARAAEE VMCYTSLQLR PPQGRIPGPG TPVKYSEVVL		
	۵	DSEPKSQASG PEPELYASVC A	QTRRARASF PDQAYANSQP AASLEHHHHH H		
Quality Control		Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.			
Directions for Use		Always centrifuge tubes befo	re opening. Do not mix by vortex or pipetting. It is not		
	r	recommended to reconstitut	e to a concentration less than 100 μ g/ml. Dissolve the		
	ly	yophilized protein in 1X PBS	Please aliquot the reconstituted solution to minimize		
	f	reeze-thaw cycles.			
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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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