

For research purposes only, not for human use

## **Product Data Sheet**

## **Recombinant Human MICA Protein**

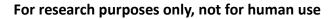
Catalog #	Source	Reactivity	Applications			
CRP1959	Human cells	Human	E, WB, SDS-PAGE, MS			
Description	Recom	binant Human MIC	A Protein is produced by our Mammalian expression			
	system	and the target gen	e encoding Glu24-Gln308 is expressed with a 6His tag at			
	the C-t	erminus.				
Form	Lyophi	lized from a 0.2 $\mu M$	filtered solution of 20mM PB, 150mM NaCl, pH 7.2.			
Gene Symbo	I MICA	MICA				
Alternative N	lames PERB1	PERB11.1; MHC class I polypeptide-related sequence A; MIC-A				
Entrez Gene	10050	100507436 (Human)				
SwissProt	Q2998	Q29983 (Human)				
Purity	Greate	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.				
Chemical Str	ucture EPHSL	EPHSLRYNLT VLSWDGSVQS GFLTEVHLDG QPFLRCDRQK CRAKPQGQWA				
	EDVLG	NKTWD RETRDLTG	IG KDLRMTLAHI KDQKEGLHSL QEIRVCEIHE DNSTRSSQHF			
	YYDGE	LFLSQ NLETEEWTM	P QSSRAQTLAM NVRNFLKEDA MKTKTHYHAM			
	HADCL	QELRR YLKSGVVLRI	R TVPPMVNVTR SEASEGNITV TCRASGFYPW NITLSWRQDG			
	VSLSH	DTQQW GDVLPDGN	IGT YQTWVATRIC QGEEQRFTCY MEHSGNHSTH			
	PVPSG	KVLVL QSHWQVDH	нн ннн			
Quality Cont	rol Endoto	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.				
Directions fo	r Use Always	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not				
	recom	mended to reconsti	tute to a concentration less than 100 $\mu$ g/ml. Dissolve the			
	lyophi	lized protein in 1X P	BS. Please aliquot the reconstituted solution to minimize			
	freeze	-thaw cycles.				
Storage/Stab	vility Lyonhi	lized protein should	be stored at -20°C though stable at room temperature			

**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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