

For research purposes only, not for human use

## **Product Data Sheet**

## **Recombinant Human MBL2 Protein**

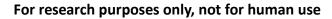
Catalog #	Source	Reactivity	Applications			
CRP1946	Human cells	Human	E, WB, SDS-PAGE, MS			
Description	Recorr	nbinant Human MBL	2 Protein is produced by our Mammalian expression			
	system	n and the target gen	e encoding Glu21-Ile248 is expressed with a 6His tag at			
	the C-	terminus.				
Form	Lyophi	lized from a 0.2 $\mu$ M	filtered solution of 20mM PB, 150mM NaCl, 5%			
	Threha	alose, pH 7.2				
Gene Symbol	MBL2					
Alternative N	ames COLEC	COLEC1; MBL; Mannose-binding protein C; MBP-C; Collectin-1; MBP1;				
	Manna	an-binding protein;	Mannose-binding lectin			
Entrez Gene	4153 (	Human)				
SwissProt	P1122	6 (Human)				
Purity	Greate	er than 95% as deter	mined by SEC-HPLC and reducing SDS-PAGE.			
Chemical Stru	icture ETVTC	ETVTCEDAQK TCPAVIACSS PGINGFPGKD GRDGTKGEKG EPGQGLRGLQ GPPGKLGPPG				
	NPGPS	GSPGP KGQKGDPG	KS PDGDSSLAAS ERKALQTEMA RIKKWLTFSL GKQVGNKFFL			
	TNGEI	MTFEK VKALCVKFQ	A SVATPRNAAE NGAIQNLIKE EAFLGITDEK TEGQFVDLTG			
	NRLTY	TNWNE GEPNNAGS	DE DCVLLLKNGQ WNDVPCSTSH LAVCEFPIVD HHHHHH			
Quality Contr	ol Endote	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.				
Directions for	<b>Use</b> Always	s centrifuge tubes b	efore 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	3S. Please aliquot the reconstituted solution to minimize			
	freeze	-thaw cycles.				
Chavage (Chale)	liter Irranki	lized protein chauld	be stored at 20°C though stable at room tomporature			

**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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