

## **Product Data Sheet**

## **Recombinant Human PPP3R1 Protein**

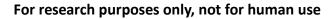
Catalog #	Source	Reactivity	Applications		
CRP2144	E. coli	Human	E, WB, SDS-PAGE, MS		
Description	F	Recombinant Human PPP3	1 Protein is produced by our E. coli expression system		
	ā	and the target gene encodi	ng Met1-Val170 is expressed with a 6His tag at the		
	1	N-terminus.			
Form	L	Lyophilized from a 0.2 $\mu$ M f	iltered solution of 20mM Tris-HCl, 100mM NaCl, 2mM		
	[	DTT, pH 8.0 .			
Gene Symbo	I F	PPP3R1			
Alternative Names		CNA2; CNB; Calcineurin subunit B type 1; Protein phosphatase 2B regulatory subunit			
	1	1; Protein phosphatase 3 re	gulatory subunit B alpha isoform 1		
Entrez Gene	Ę	5534 (Human)			
SwissProt	F	P63098 (Human)			
Purity	(	Greater than 95% as detern	nined by reducing SDS-PAGE.		
Chemical Structure		MGSSHHHHHH SSGLVPRGS	H MGNEASYPLE MCSHFDADEI KRLGKRFKKL DLDNSGSLSV		
	E	EEFMSLPELQ QNPLVQRVID	IFDTDGNGEV DFKEFIEGVS QFSVKGDKEQ KLRFAFRIYD		
	٢	MDKDGYISNG ELFQVLKMM	V GNNLKDTQLQ QIVDKTIINA DKDGDGRISF EEFCAVVGGL		
	[	DIHKKMVVDV			
Quality Control		Endotoxin: Less than 0.1 ng/μg (1 ΙΕU/μg) as determined by LAL test.			
Directions for Use		Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not			
	r	recommended to reconstitu	ite to a concentration less than 100 $\mu$ g/ml. Dissolve the		
	l	yophilized protein in 1X PB	S. Please aliquot the reconstituted solution to minimize		
	f	freeze-thaw cycles.			
Storage/Stab	nility I	wonhilized protein should l	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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