

## **Product Data Sheet**

## **Recombinant Human GADD45B Protein**

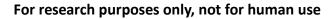
Catalog #	Source	Reactivity	Applications		
CRP1592	E. coli	Human	E, WB, SDS-PAGE, MS		
Description	Re	ecombinant Human GADD4	5B Protein is produced by our E. coli expression system		
	ar	nd the target gene encodin	g Met1-Arg160 is expressed with a 6His tag at the		
	N	-terminus.			
Form	Ly	<code>vophilized from a 0.2 <math>\mu</math>M filling the second sec</code>	tered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	G	ADD45B			
Alternative Names		MYD118; Growth arrest and DNA damage-inducible protein GADD45 beta; Myeloid			
	di	fferentiation primary respo	onse protein MyD118; Negative growth regulatory		
	pr	rotein MyD118			
Entrez Gene	46	616 (Human)			
SwissProt	0	75293 (Human)			
Purity	Gi	reater than 95% as determ	ined by reducing SDS-PAGE.		
Chemical Stru	ucture M	IGSSHHHHHH SSGLVPRGSF	MTLEELVACD NAAQKMQTVT AAVEELLVAA		
	Q	RQDRLTVGV YESAKLMNVD	PDSVVLCLLA IDEEEEDDIA LQIHFTLIQS FCCDNDINIV		
	R	VSGMQRLAQ LLGEPAETQG	TTEARDLHCL LVTNPHTDAW KSHGLVEVAS YCEESRGNNQ		
	W	/VPYISLQER			
Quality Contr	r <mark>ol</mark> Er	ndotoxin: Less than 0.1 ng/	μg (1 IEU/μg) as determined by LAL test.		
Directions for Use		ways centrifuge tubes befo	pre opening. Do not mix by vortex or pipetting. It is not		
	re	commended to reconstitu	te to a concentration less than 100 $\mu$ g/ml. Dissolve the		
	lye	ophilized protein in 1X PBS	. Please aliquot the reconstituted solution to minimize		
	fre	eeze-thaw cycles.			
Storage/Stab	<b>ility</b> Iv	onhilized protein should h	e 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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