

Product datasheet for **TP502550**

Gadd45gip1 (NM_183358) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse growth arrest and DNA-damage-inducible, gamma interacting protein 1 (Gadd45gip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202550 representing NM_183358 Red =Cloning site Green =Tags(s)
	MAALAMRSGYLLRLSVALGPRRSYRAPPPRRRPGPHSPDPENLLTPRWQLTPRYVAKQFGRHGAISGV PPASLWPTPEQLRELEAEEQEWYPSLATMQESLRLQQQALEARRQAREQRIAECAKMPQMNIENWRKQ KR ERWEKIQADKERRARLQAEAQERLGYHVDPRSARFQELLQDLKQQRKRLKEERQRQKKEARIAAMASAE AQDSAVSGEPSS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_899202
Locus ID:	102060
UniProt ID:	Q9CR59



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RefSeq Size:	1734
Cytogenetics:	8 C3
RefSeq ORF:	666
Synonyms:	2310040G17Rik; AI425883; Crif1; MRP-L59; Plinp1
Summary:	Acts as a negative regulator of G1 to S cell cycle phase progression by inhibiting cyclin-dependent kinases. Inhibitory effects are additive with GADD45 proteins but occurs also in the absence of GADD45 proteins. Acts as a repressor of the orphan nuclear receptor NR4A1 by inhibiting AB domain-mediated transcriptional activity. May be involved in the hormone-mediated regulation of NR4A1 transcriptional activity. May play a role in mitochondrial protein synthesis.[UniProtKB/Swiss-Prot Function]