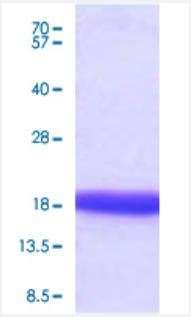
Full-Length

GADD45B (Human) Recombinant Protein

Catalog # P3397 Size 100 ug

Applications



Specification

Product Description	Human GADD45B (NP_056490, 1 a.a. - 160 a.a.) full-length recombinant protein expressed in *Escherichia coli*.
Sequence	MTLEELVACDNAAQKMQTVTAAVEELLVAAQRQDRLTVGVYESAKLMNVDPDSVVLCLLAIDEE EEDDIALQIHFTLIQSFCCDNDINIVRVSGMQRLAQLLGEPAETQGTTEARDLHCLLVTNPHTDAWK SHGLVEVASYCEESRGNNQWVPYISLQER
Host	Escherichia coli
Theoretical MW (kDa)	17.8
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Quality Control Testing	3 ug by 15% SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 7.5.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — GADD45B

Entrez GeneID	4616
Protein Accession#	NP_056490
Gene Name	GADD45B
Gene Alias	DKFZp566B133, GADD45BETA, MYD118
Gene Description	growth arrest and DNA-damage-inducible, beta
Omim ID	604948
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of a group of genes whose transcript levels are increased following stress ful growth arrest conditions and treatment with DNA-damaging agents. The genes in this group re spond to environmental stresses by mediating activation of the p38/JNK pathway. This activation i s mediated via their proteins binding and activating MTK1/MEKK4 kinase, which is an upstream activator of both p38 and JNK MAPKs. The function of these genes or their protein products is inv olved in the regulation of growth and apoptosis. These genes are regulated by different mechanis ms, but they are often coordinately expressed and can function cooperatively in inhibiting cell gro wth. [provided by RefSeq
Other Designations	myeloid differentiation primary response

Pathway

- Cell cycle
- MAPK signaling pathway
- p53 signaling pathway

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Disease

- Genetic Predisposition to Disease
- Neoplasms
- Ovarian cancer
- Ovarian Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.