

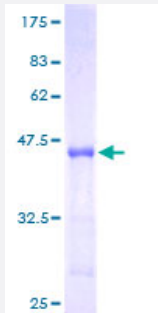
Full-Length

GADD45G (Human) Recombinant Protein (P01)

Catalog # H00010912-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GADD45G full-length ORF (AAH19325, 1 a.a. - 159 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTLEEVRGQDTVPESTARMQGAGKALHELLLSAQRQGCLTAGVYESAKVLNVDPDNVTFCVLA AGEEDEGDIALQIHFTLIQAFCCENDIDIVRVGDVQRLAAIVGAGEEAGAPGDLHCILISNPNEAW KDPALEKLSLFCEESRSVNDWVPSITLPE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	43.23
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GADD45G

Entrez GeneID [10912](#)

GeneBank Accession# [BC019325](#)

Protein Accession# [AAH19325](#)

Gene Name GADD45G

Gene Alias CR6, DDIT2, GADD45gamma, GRP17

Gene Description growth arrest and DNA-damage-inducible, gamma

Omim ID [604949](#)

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 protein encoded by thi s gene responds to environmental stresses by mediating activation of the p38/JNK pathway via M TK1/MEKK4 kinase. The GADD45G is highly expressed in placenta. [provided by RefSeq

Other Designations GADD45-gamma|OTTHUMP00000021623|gadd-related protein, 17 kD

Pathway

- [Cell cycle](#)
- [MAPK signaling pathway](#)

- [p53 signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)