

Recombinant Human GADD45B protein, His-tagged

Cat. No. GADD45B-3904H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human GADD45B protein(1-160 aa), fused to His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-160 aa |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| AA Sequence | MTLEELVACDNAAQKMQTVTAAVEELLVAAQRQDRLTVGVYESAKLMNVDPDSVVL CLLAIDEEEDDIALQIHFTLIQSFCCDNDINIVRVSGMQRLAQLLGEP AETQGTTEAR DLHCLLVTPHTDAWKSHGLVEVAS YCEESRGNNQWVPYISLQER |
| Purity | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

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|------------------------|---|
| Gene Name | GADD45B growth arrest and DNA-damage-inducible, beta [Homo sapiens] |
| Official Symbol | GADD45B |
| Synonyms | GADD45B; growth arrest and DNA-damage-inducible, beta; MYD118; growth arrest and DNA damage-inducible protein GADD45 beta; DKFZP566B133; GADD45BETA; growth arrest and DNA damage inducible beta; myeloid differentiation primary response; negative growth regulatory protein MyD118; myeloid differentiation primary response protein MyD118; DKFZp566B133; |
| Gene ID | 4616 |
| mRNA Refseq | NM_015675 |
| Protein Refseq | NP_056490 |
| MIM | 604948 |
| UniProt ID | O75293 |

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