

Recombinant Rat Gadd45a protein, His & T7-tagged

Cat. No. Gadd45a-1852R Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Rat Gadd45a aa. (Met1~Arg165 (Accession # P48317)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| Species | Rat |
| Source | E.coli |
| ProteinLength | Met1~Arg165 |
| Description | May mediate a delay in G2 to M cell cycle progression; may induce DNA repair. |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 22.2kDa |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | >95% |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|--------------------------|--|
| Storage | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| Storage buffer | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl. |
| Reconstitution | Reconstitute in sterile PBS, pH7.2-pH7.4. |
| Isoelectric Point | 4.5 |

GENE INFORMATION

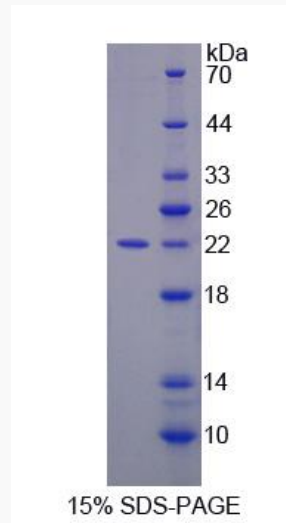
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|------------------------|---|
| Gene Name | Gadd45a growth arrest and DNA-damage-inducible, alpha [Rattus norvegicus (Norway rat)] |
| Official Symbol | Gadd45a |
| Synonyms | Gadd45a; growth arrest and DNA-damage-inducible, alpha; Ddit1; Gadd45; growth arrest and DNA damage-inducible protein GADD45 alpha; DDIT-1; DNA damage-inducible transcript 1 protein; DNA-damage-inducible transcript 1; growth arrest and DNA-damage-inducible 45 alpha |
| Gene ID | 25112 |
| mRNA Refseq | NM_024127.2 |
| Protein Refseq | NP_077041.2 |
| UniProt ID | P48317 |

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SDS-PAGE



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