Recombinant Rat Gadd45a protein, His & T7-tagged

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

SPECIFICATION

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.

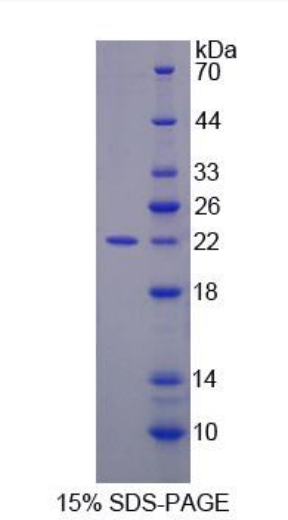
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	 15% SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA