

Human GADD45A/DDIT1 (His & GST Tag) recombinant protein



Catalog Number: 502589

General Information

Gene Name Synonym

DNA damage-inducible transcript 1 protein

Protein Construction

A DNA sequence encoding the full length of human GADD45A (P24522) (Met 1-Arg 165) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human GADD45A/GST chimera

consists of 402 amino acids and has a calculated molecular mass of 46.2 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

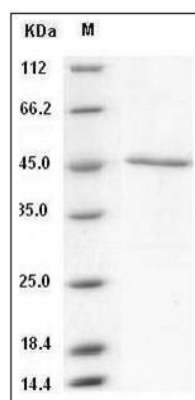
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human GADD45A / DDIT-1 Protein (His & GST Tag) SDS-PAGE