

Human GADD45A/DDIT1/GADD45 (His tag) recombinant protein



Catalog Number: 518049

General Information

Gene Name Synonym

Growth Arrest and DNA Damage-Inducible Protein
GADD45 Alpha, DNA Damage-Inducible Transcript
1 Protein, DDIT-1, GADD45A, DDIT1, GADD45

Protein Construction

A DNA sequence encoding the Human
GADD45A/DDIT1/GADD45 Met1-Arg165 is
expressed with a 6His tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg protein as determined by the LAL
method.

Stability

Store for up to 12 months at -20°C to -80°C as
lyophilized powder. Aliquots of reconstituted
samples are stable at < -20°C for 3 months.

Formulation

Lyophilized from a 0.2 µm filtered solution of
20mM PB, 150mM NaCl, pH 7.2.

Usage Guide

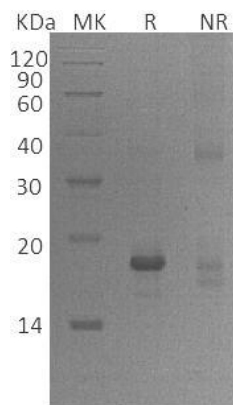
Storage

Lyophilized protein should be stored at <-20°C,
though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at
4-7°C for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not
mix by vortex or pipetting. It is not recommended
to reconstitute to a concentration less than
100µg/ml. Dissolve the lyophilized protein in
ddH₂O. Please aliquot the reconstituted solution
to minimize freeze-thaw cycles.

SDS-PAGE



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