

GADD153,1-169aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP02176

3th Edition

Synonyms:Growth arrest-and DNA damage-inducible gene 153, CHOP, DDIT3, CEBPZ, CHOP10

Description:GADD153, also known as DNA-damage-inducible transcript 3 (DDIT3), is a basic domain-leucine zipper (bZIP) transcription factor of C/EBP family. This protein has been shown to be up-regulated by several stresses, such as amino acid or glucose starvation, endoplasmic reticulum (ER) stress, osmotic stress and hypoxia

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

Molecular Weight:21.3kDa (189aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMAAESLPFSFGLSSWELEAWYEDLQEVLSSENGGTYVSPPGNEEEESKIFTTL
DPASLAWLTETEEPEPAEVTSTSQSPHSPDSSQSSLAQEEEEEDQGRTRKRKQSGHSPARAGKQRMKEKEQENER
KVAQLAEENERLKQEIERLTREVEATRRALIDRMVNLHQA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.