

GADD153 recombinant protein

GADD153,1-169aa, Human, His tag, E Coli

CATALOG # AAA48498	HOST E Coli	APPLICATIONS SDS-Page
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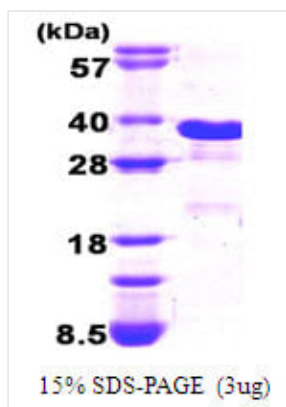
PRODUCT SYNONYMS

GADD153; 1-169aa; Human; His tag; E Coli; Growth arrest-and DNA damage-inducible gene 153; CHOP; DDIT3; CEBPZ; CHOP10; MGC4154; Growth arrest-and DNA damage-inducible gene 153 C/EBP homologous protein; C/EBP Homology Protein; CHOP 10; DDIT 3; DNA Damage Inducible Transcript 3; GADD 153; Growth Arrest and DNA Damage Inducible Protein 153; ; GADD153 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid in 20mM Tris pH8.0, 20% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MAAESLPFSF GTLSSWELEA WYEDLQEVLS SDENGPTYVS PPGNEEEESK IFTTLPASL AWLTEEEPEP AEVTSTSQSP HSPDSSQSSL AQEEEEEDQG RTRKRKQSGH SPARAGKQRM KEKEQENERK VAQLAEENER LKQEIERLTR EVEATRRALI DRMVNLHQA
Sequence Length	169
Applicable Applications for GADD153 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GADD153 recombinant protein	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. GADD153 protein may play a role in ER stress-mediated apoptosis and in disease including diabetes, brain ischemia and neurodegenerative disease. Recombinant GADD153 fused with His-tag, was expressed in E Coli and purified by conventional chromatography techniques.
Product Categories/Family for GADD153 recombinant protein	Cell Cycle
References	Oyadomari S. and Mori M., et al. (2004) Cell death and differentiation,11: 381-389.; Robert M. Silva.,et al: (2005) Journal of Neurochemistry ;95 (4):974-986.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361118
NCBI GeneID	1649
NCBI Accession #	NP_004074
NCBI GenBank Nucleotide #	NM_004083.5
UniProt Accession #	P35638; F8VS99
Molecular Weight	21.3kDa (189aa), confirmed by MALDI-TOF.
NCBI Official Full Name	DNA damage-inducible transcript 3 protein isoform 2
NCBI Official Synonym Full Names	DNA damage inducible transcript 3
NCBI Official Symbol	DDIT3
NCBI Official Synonym Symbols	CHOP; CEBPZ; CHOP10; CHOP-10; GADD153; C/EBPzeta
NCBI Protein Information	DNA damage-inducible transcript 3 protein
UniProt Protein Name	DNA damage-inducible transcript 3 protein
UniProt Gene Name	DDIT3
UniProt Synonym Gene Names	CHOP; CHOP10; GADD153; DDIT-3; CHOP; CHOP-10

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.