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Datasheet for ABIN7505208

GADD45A Protein (AA 1-165) (His tag)

Overview

Quantity:	100 µg
Target:	GADD45A
Protein Characteristics:	AA 1-165
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GADD45A protein is labelled with His tag.

Product Details

Sequence:	Met 1-Arg 165
Characteristics:	A DNA sequence encoding the Human GADD45A protein (P24522) (1M-165R) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	GADD45A
Alternative Name:	GADD45A (GADD45A Products)
Background:	Background: GADD45 alpha (Growth arrest and DNA damage-inducible protein 45 alpha) is a 19 kDa member of the GADD45 family of proteins. It is ubiquitously expressed, and induced by DNA damage. Upon induction, GADD45 alpha binds to PCNA, stimulates DNA excision repair Synonym: Growth arrest and DNA damage-inducible protein GADD45 alpha,GADD45A,DNA

Target Details

	damage-inducible transcript 1 protein,
Molecular Weight:	18.04 kDa
Pathways:	p53 Signaling , Cell Division Cycle

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months