Recombinant Human GADD45A protein, His-tagged

Cat. No. GADD45A-4855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GADD45A protein(5-165 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	5-165 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence	EFSAGEQKTERMDKVGDALEEVLSKALSQRTITVGVYEAAKLLNVDPDNVVLCLLAA DEDDDRDVALQIHFTLIQAFCCENDINILRVSNPGRLAELLLLETDAGPAASEGAEQP PDLHCVLVTNPHSSQWKDPALSQLICFCRESRYMDQWVPVINLPER

GENE INFORMATION

Gene Name	GADD45A growth arrest and DNA-damage-inducible, alpha [Homo sapiens]
Official Symbol	GADD45A
Synonyms	GADD45A; growth arrest and DNA-damage-inducible, alpha; DDIT1; growth arrest and DNA damage-inducible protein GADD45 alpha; GADD45; DDIT-1; DNA damage-inducible transcript-1; DNA-damage-inducible transcript 1; DNA damage-inducible transcript 1 protein; growth arrest and DNA-damage-inducible 45 alpha;
Gene ID	1647
mRNA Refseq	NM_001199741
Protein Refseq	NP_001186670
MIM	126335
UniProt ID	P24522

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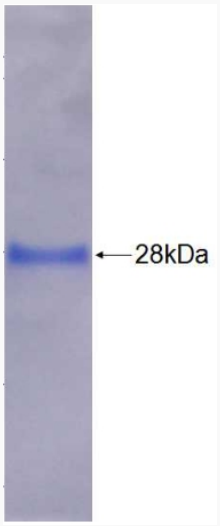
SDS-PAGE	

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