

Recombinant Human GADD45B protein, His-tagged

Cat. No. GADD45B-3904H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GADD45B protein(1-160 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-160 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MTLEELVACDNAAQKMQTVTAAVEELLVAAQRQDRLTVGVYESAKLMNVDPDSVVL CLLAIDEEEDDIALQIHFTLIQSFCNDNDINIVRVSGMQRLAQLLGEP AETQGTTEAR DLHCLLVTPHTDAWKSHGLVEVAS YCEESRGNNQWVPYISLQER
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	GADD45B growth arrest and DNA-damage-inducible, beta [Homo sapiens]
Official Symbol	GADD45B
Synonyms	GADD45B; growth arrest and DNA-damage-inducible, beta; MYD118; growth arrest and DNA damage-inducible protein GADD45 beta; DKFZP566B133; GADD45BETA; growth arrest and DNA damage inducible beta; myeloid differentiation primary response; negative growth regulatory protein MyD118; myeloid differentiation primary response protein MyD118; DKFZp566B133;
Gene ID	4616
mRNA Refseq	NM_015675
Protein Refseq	NP_056490
MIM	604948
UniProt ID	O75293

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