

Recombinant Human DDIT3 protein, His-tagged

Cat. No. DDIT3-3923H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDIT3 protein(1-169 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-169 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	MAAESLPFSFGTLSSWELEAWYEDLQEVLSSENGGTYVSPPGNEEEESKIFTTLD PASLAWLTEEEPEPAEVTSTSQSPHSPDSSQSSLAQEEEEEDQGRTRKRKQSGHS PARAGKQRMKEKEQENERKVAQLAEENERLKQEIERLTREVEATTRALIDRMVNLH QA
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.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

DDIT3 DNA-damage-inducible transcript 3 [Homo sapiens]

Official Symbol

DDIT3

Synonyms

DDIT3; DNA-damage-inducible transcript 3; DNA damage-inducible transcript 3 protein; C/EBP zeta; CHOP; CHOP10; GADD153; DDIT-3; c/EBP-homologous protein 10; CCAAT/enhancer-binding protein homologous protein; growth arrest and DNA damage-inducible protein GADD153; CEBPZ; CHOP-10; MGC4154;

Gene ID

1649

mRNA Refseq

NM_001195053

Protein Refseq

NP_001181982

MIM

126337

UniProt ID

P35638

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