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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAAESLPFSFGTLSSWELEAWYEDLQEVLSSDENGGTYVSPPGNEEEESKIFTTLD PASLAWLTEEEPEPAEVTSTSQSPHSPDSSQSSLAQEEEEEDQGRTRKRKQSGHS PARAGKQRMKEKEQENERKVAQLAEENERLKQEIERLTREVEATRRALIDRMVNLH 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 ḡ/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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