Recombinant Human GDF3 protein, His-tagged

Cat. No. GDF3-3659H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDF3 protein(251-355 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	251-355 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	AAIPVPKLSCKNLCHRHQLFINFRDLGWHKWIIAPKGFMANYCHGECPFSLTISLNSS NYAFMQALMHAVDPEIPQAVCIPTKLSPISMLYQDNNDNVILRHYED
Purity	85%, 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 ḡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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	storage.

GENE INFORMATION

Gene Name	GDF3 growth differentiation factor 3 [Homo sapiens]
Official Symbol	GDF3
Synonyms	GDF3; growth differentiation factor 3; growth/differentiation factor 3; GDF-3; KFS3; MCOP7; MCOPCB6;
Gene ID	9573
mRNA Refseq	NM_020634
Protein Refseq	NP_065685
MIM	606522
UniProt ID	Q9NR23

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