

## Recombinant Human GDF2 protein, His-tagged

Cat. No. GDF2-0370H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GDF2 protein(Lys23-Arg429), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	23-429 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 47.0 kDa. The protein migrates as 13 kDa and 40-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Lys23-Arg429
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** GDF2 growth differentiation factor 2 [ Homo sapiens ]

**Official Symbol** GDF2

**Synonyms** GDF2; growth differentiation factor 2; growth/differentiation factor 2; BMP 9; BMP9; GDF-2; bone morphogenetic protein 9; BMP-9;

**Gene ID** 2658

**mRNA Refseq** NM\_016204

**Protein Refseq** NP\_057288

**MIM** 605120

**UniProt ID** Q9UK05

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