

Recombinant Human GDF2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GDF2 protein(Lys23-Arg429), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	23-429 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	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.
Proteinlength	Lys23-Arg429
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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