

Recombinant Mouse Gdf2 protein, His-tagged

Cat. No. Gdf2-274M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gdf2(Gln22~Ser178) fused with His tag at the N-terminus was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln22~Ser178
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	19.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS or others.

GENE INFORMATION

Gene Name Gdf2 growth differentiation factor 2 [Mus musculus]

Official Symbol Gdf2

Synonyms GDF2; growth differentiation factor 2; growth/differentiation factor 2; BMP-9; GDF-2; bone morphogenetic protein 9; Bmp9; MGC124253; MGC124255; MGC124256;

Gene ID 12165

mRNA Refseq NM_019506

Protein Refseq NP_062379

MIM

UniProt ID

Chromosome Location 14; 14 B

Function cytokine activity; growth factor activity; protein binding;

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