

## Recombinant Human GDF2, His-tagged

Cat. No. GDF2-13209H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human GDF2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 23-429a.a.

**Description** This gene encodes a member of the cytoskeletal BTB/kelch (Broad-Complex, Tramtrack and Bric a brac) repeat family. The encoded protein plays a role in neurofilament architecture and is involved in mediating the ubiquitination and degradation of some proteins. Defects in this gene are a cause of giant axonal neuropathy (GAN).

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

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

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<b>Official Symbol</b>	GDF2
<b>Synonyms</b>	GDF2; growth differentiation factor 2; growth/differentiation factor 2; BMP 9; BMP9; GDF-2; bone morphogenetic protein 9; BMP-9;
<b>Gene ID</b>	2658
<b>mRNA Refseq</b>	NM_016204
<b>Protein Refseq</b>	NP_057288
<b>MIM</b>	605120
<b>UniProt ID</b>	Q9UK05
<b>Chromosome Location</b>	10q11.22
<b>Pathway</b>	ALK1 signaling events, organism-specific biosystem;
<b>Function</b>	cytokine activity; growth factor activity; protein binding;

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