

Active Recombinant Human GDF15 protein, hFc-tagged

Cat. No. GDF15-204H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human GDF15 protein(Q99988)(Ala197-Ile308) is expressed from HEK293 with hFc (IgG1) tag at the N-Terminus.
Species	Human
Source	HEK293
ProteinLength	197-308 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human GFRAL, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Human GDF15, hFc Tag with the EC50 of 3.3 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 37.9 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution	Dissolve the lyophilized protein in distilled water.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_004855.2
Unit ID	Q99988
Unit ID-Weblink	http://www.uniprot.org/uniprot/Q99988

GENE INFORMATION

Gene Name	GDF15 growth differentiation factor 15 [Homo sapiens]
Official Symbol	GDF15
Synonyms	GDF15; growth differentiation factor 15; growth/differentiation factor 15; MIC 1; MIC1; NAG 1; PDF; PLAB; prostate differentiation factor; PTGFB; NRG-1; PTGF-beta; placental TGF-beta; NSAID-activated gene 1 protein; NSAID-regulated gene 1 protein; macrophage inhibitory cytokine 1; placental bone morphogenetic protein; NSAID (nonsteroidal anti-inflammatory drug)-activated protein 1; MIC-1; NAG-1; GDF-15;
Gene ID	9518
mRNA Refseq	NM_004864
protein Refseq	NP_004855
MIM	605312

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