Recombinant Mouse Gdf15 protein, His-tagged

Cat. No. Gdf15-392M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GDF15 fused to His-tag at N-terminus, was expressed in E.coli.
Species	Mouse
Source	E.coli
Description	Growth/differentiation factor 15, also known as GDF15, is a member of the TGF superfamily. It has a role in regulating inflammatory and apoptotic pathways in injured tissues and during disease processes. They are synthesized as precursor molecules that are processed at a dibasic cleavage site to release C-terminal domains containing a characteristic motif of 7 conserved cysteines in the mature protein.
Form	Liquid. In 20mM Phosphate buffer (pH 8.0) containing 10% glycerol.
Molecular Mass	14.9 kDa (138aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSSAHAHPR DSCPLGPGRC CHLETVQATL EDLGWSDWVL SPRQLQLSMC VGECPHLYRS ANTHAQIKARLHGLQPDKVP APCCVPSSYT PVVLMHRTDS GVSLQTYDDL VARGCHCA
Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

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Concentration	1.0 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	Gdf15 growth differentiation factor 15 [Mus musculus]
Official Symbol	Gdf15
Synonyms	GDF15; growth differentiation factor 15; growth/differentiation factor 15; GDF-15; macrophage inhibiting cytokine-1; SBF; MIC-1; NAG-1;
Gene ID	23886
mRNA Refseq	NM_011819
Protein Refseq	NP_035949
MIM	
UniProt ID	
Function	growth factor activity;

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