

Recombinant Mouse Gdf10 Protein, His-tagged

Cat. No. Gdf10-286M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gdf10(Lys339~Arg477) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Lys339~Arg477
Description	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein has been shown to promote neural repair after stroke and may act as a tumor suppressor.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	19.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein

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 store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

Gdf10 growth differentiation factor 10 [Mus musculus]

Official Symbol

Gdf10

Synonyms

GDF10; growth differentiation factor 10; bone morphogenetic protein 3B; BMP-3b; GDF-10;

Gene ID

14560

mRNA Refseq

NM_145741

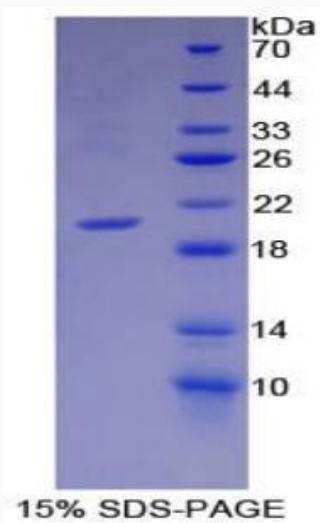
Protein Refseq

NP_665684

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