

GDF15 抗原（重组蛋白）

中文名称： GDF15 抗原（重组蛋白）

英文名称： GDF15 Antigen (Recombinant Protein)

别名： PDF, MIC1, PLAB, MIC-1, NAG-1, PTGFB, GDF-15

相关类别 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 195-308 amino acids of human GDF15

技术规格

Full name:	growth differentiation factor 15
Synonyms:	PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15
Swissprot:	Q99988
Gene Accession:	BC000529
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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. The protein is expressed in a broad range of cell types, acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular injury. Increased protein levels are associated with disease states such

h as tissue hypoxia, inflammation, acute injury and oxidative stress.