

GDF9 抗原(重组蛋白)

中文名称: GDF9 抗原(重组蛋白)

- 英文名称: GDF9 Antigen (Recombinant Protein)
- 储存: 冷冻(-20℃)
- 相关类别: 抗原

概述

Fusion protein corresponding to a region derived from 320-454 amino acids of human GDF9

技术规格

Full name:	growth differentiation factor 9
Synonyms:	POF14
Swissprot:	O60383
Gene Accession:	BC096228
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 (transformi ng growth factor-beta) superfamily of proteins. Ligands of this fa mily bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gen e expression. The encoded preproprotein is proteolytically proces sed to generate each subunit of the disulfide-linked homodimer. This protein regulates ovarian function. Reduced expression of th is gene may be associated with polycystic ovary syndrome and mutations in this gene may be more common in mothers of diz ygotic twins.