

FAM3B 抗原（重组蛋白）

中文名称： FAM3B 抗原（重组蛋白）

英文名称： FAM3B Antigen (Recombinant Protein)

别名： 2-21; ORF9; PANDER; PRED44; C21orf11; C21orf76

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 30-235 amino acids of human FAM3B

技术规格：

Full name:	family with sequence similarity 3, member B
Synonyms:	2-21; ORF9; PANDER; PRED44; C21orf11; C21orf76
Swissprot:	P58499
Gene Accession:	BC057829
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	FAM3B (family with sequence similarity 3, member B), also known as ORF9, C21orf11 or PANDER, is a 235 amino acid secreted protein that localizes to discrete vesicular and perinuclear structures. Expressed at high levels in pancreas and at lower levels in kidney, colon, testis, prostate and small intestine, FAM3B functions as an islet-specific cytokine that promotes apoptosis and may inhibit Insulin secretion from beta-cells, possibly playing a role in overall pancreatic activity. Human FAM3B shares 78% sequence identity with its mouse counterpart, suggesting a conserved role between species. Three isoforms of FAM3

B, designated A, B and C, exist due to alternative splicing events. The gene encoding FAM3B maps to human chromosome 21, which has approximately 300 genes and comprises nearly 1.5% of the human genome.