

Recombinant Human FAM3B

Catalog No: #GP11534



Package Size: #GP11534-1 100ug

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Description

Product Name	Recombinant Human FAM3B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 30-235 amino acids of human family with sequence similarity 3, member B
Target Name	family with sequence similarity 3, member B
Other Names	2-21; ORF9; PANDER; PRED44; C21orf11; C21orf76
Accession No.	Swissprot:P58499Gene Accession:BC057829
Uniprot	P58499
GenelD	54097;
Storage	-20~-80°C, pH 7.6 PBS

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

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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