

Product datasheet for **TP727883**

FAM3B Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human FAM3B (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu30-Ser235
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Protein FAM3B is produced by our Mammalian expression system and the target gene encoding Glu30-Ser235 is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	54097
UniProt ID:	P58499
Synonyms:	C21orf11; Cytokine-like protein 2-21; D21M16SJHU19e; FAM3B; family with sequence similarity 3, member B; ORF9; pancreatic derived factor; Pancreatic-derived factor; PANDER; PRED44
Summary:	FAM3B, also known as Pancreatic-derived factor (PANDER), is an islet-specific secreted cytokine specifically expressed at high levels in the islets of Langerhans of the endocrine pancreas. FAM3B can induce apoptosis of alpha and beta cells in a dose- and time-dependent manner. Previous studies showed that FAM3B regulates glucose and lipid metabolism through interaction with liver and endocrine pancreas. FAM3B silencing activates both extrinsic and intrinsic apoptotic pathways. In general, silencing FAM3B promoted p53 phosphorylation and induced p53 accumulation by decreasing Mdm2 expression, which resulted in apoptotic cell death.
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



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