

RPCB1402

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## Product Information

<b>Product SKU:</b>	RPCB1402	<b>Gene ID:</b>	54097	<b>Size:</b>	10µg
<b>Tag:</b>	C-Fc	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P58499
<b>Purity:</b>	> 95% by SDS-PAGE.		

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## Protein Information

**Background:** 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 Description:** High quality, high purity and low endotoxin recombinant Recombinant Human FAM3B/PANDER Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

**Contact Details | Dublin, Ireland**

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