

FAM3B Protein, Human (206a.a, HEK293, Fc)

Cat. No.:	HY-P70386
Synonyms:	Protein FAM3B; PANDER; C21orf11; C21orf76; PRED44
Species:	Human
Source:	HEK293
Accession:	P58499 (E30-S235)
Gene ID:	54097
Molecular Weight:	50-65 kDa

PROPERTIES

AA Sequence	<p> E L I P D A P L S S A A Y S I R S I G E R P V L K A P V P K R Q K C D H W T P C P S D T Y A Y R L L S G G G R S K Y A K I C F E D N L L M G E Q L G N V A R G I N I A I V N Y V T G N V T A T R C F D M Y E G D N S G P M T K F I Q S A A P K S L L F M V T Y D D G S T R L N N D A K N A I E A L G S K E I R N M K F R S S W V F I A A K G L E L P S E I Q R E K I N H S D A K N N R Y S G W P A E I Q I E G C I P K E R S </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>The FAM3B protein serves as a potent inducer of apoptosis, acting on both alpha and beta cells in a dose- and time-dependent manner. Its regulatory influence on programmed cell death highlights its significance in shaping cellular responses, particularly within the context of apoptosis. The specificity of this effect on alpha and beta cells suggests a targeted impact on pancreatic cell populations, potentially implicating FAM3B in the modulation of key processes related to pancreatic function and homeostasis.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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