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Datasheet for ABIN1096621

FAM3D Protein (AA 26-224) (His tag)

Overview

Quantity:	50 µg
Target:	FAM3D
Protein Characteristics:	AA 26-224
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM3D protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Protein FAM3D (C-6His)
Sequence:	YMSFSMKTIR LPRWLAASPT KEIQVKKYKC GLIKPCPANY FAFKICSGAA NVVGPTMCFE DRMIMSPVKN NVGRGLNIAL VNGTTGAVLG QKAFDMYSGD VMHLVKFLKE IPGGALVLVA SYDDPGTKMN DESRKLFSDL GSSYAKQLGF RDSWVFIGAK DLRGKSPFEQ FLKNSPDTNK YEGWPELLEM EGCMPKPFV DHHHHHH
Characteristics:	Recombinant Human Protein FAM3D produced by transfected human cells is a secreted protein with sequence (Tyr26-Phe224) of Human FAM3D fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	FAM3D
Alternative Name:	fam3d (FAM3D Products)
Sub Type:	Fusionprotein
Background:	<p>Protein FAM3D is a novel cytokine-like protein that belongs to the FAM3 family. Human FAM3D is synthesized as a 224 amino acid precursor that contains a 25 amino acid signal sequence and a 199 amino acid mature chain. FAM3D is identified based on structural, but not sequence, homology to short chain cytokines including IL-2, IL-4 and GM-CSF. FAM3 proteins are four helix bundle cytokines with four conserved cysteines in all members (FAM3A-D). FAM3B is highly expressed in alpha and beta cells of the pancreas and is being investigated as a potential contributor to beta cell death and development of Type I Diabetes.</p> <p>Alternative Names: Protein FAM3D, FAM3D</p>
Molecular Weight:	23.12 kDa
UniProt:	Q96BQ1

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months