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FAM3D Human

Family with Sequence Similarity 3, Member D Human Recombinant
RCP0829

Product Overview

Name	FAM3D Human

Description

Family with Sequence Similarity 3, Member D Human Recombinant

Accession (Primary)	Q96BQ1

Synonyms

Protein FAM3D, FAM3D, EF7, OIT1.

Introduction

Family with Sequence Similarity 3, Member D (FAM3D) is a member of the FAM3 family. The FAM3D gene is linked to narcolepsy and diabetes mellitus in pancreatic adenocarcinoma, however FAM3D function of remains vague. FAM3D is amply expressed in the placenta and weakly expressed in the small intestine.

Source

Escherichia Coli.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

FAM3D filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0.

Stability

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MKHHHHHHAS YMSFSMKTIR LPRWLAASPT KEIQVKKYKC GLIKPCPANY FAFKICSGAA NVVGPTMCFE DRMIMSPVKN NVGRGLNIAL VNGTTGAVLG QKAFDMYSGD VMHLVKFLKE IPGGALVLVA SYDDPGTKMN DESRKLFSDL GSSYAKQLGF RDSWVFIGAK DLRGKSPFEQ FLKNSPDTNK YEGWPELLEM EGCMPPKPF.

Solubility

It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and

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let the lyophilized pellet dissolve completely at 37°C. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 µg/ml. In higher concentrations the solubility of this antigen is limited. FAM3D is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

FAM3D Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96BQ1)