
Product Data Sheet

Product Name: FAM3D Human
 Cat. No.: GP23465
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Protein FAM3D; FAM3D; EF7; OIT1.		
Amino Acid Sequence	MKHHHHHHASYMSFSMKTIR LPRWLAASPT KEIQVKKYKC GLIKPCPANY FAFKICSGAA NVVGPTMCFE DRMIMSPVKN NVGRGLNIAL VNGTTGAVLG QKAFDMYSGD VMHLVKFLKE IPGGALVLVA SYDDPGTKMN DESRKLFSDL GSSYAKQLGF RDSWVFIGAK DLRGKSPFEQ FLKNSPDTNK YEGWPELLEM EGCMPKPF.		
Solubility	It is recommended to add 200µl of 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and 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 10µg/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.		
Formulation	FAM3D filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0.		

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.

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

limited period of time; it does not show any change after two weeks at 4°C .

Background

FAM3D Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 26-224) containing 209 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 23.3kDa (calculated).

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA