

32-3808: FAM3D Recombinant Protein

Alternative Name : Protein FAM3D,FAM3D,EF7,OIT1.

Description

Source : Escherichia Coli. 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). 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.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	FAM3D filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0.
Storage condition :	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.
Amino Acid :	MKHHHHHHASYMSFSMKTIR LPRWLAASPT KEIQVKKYKC GLIKPCPANY FAFKICSGAA NVVGPTMCFE DRMIMSPVKN NVGRGLNIAL VNGTTGAVLG QKAFDMYSGD VMHLVKFLKE IPGGALVVA SYDDPGTKMN DESRKLFSDL GSSYAKQLGF RDSWVFIGAK DLRGKSPFEQ FLKNSPDTNK YEGWPELLEM EGCMPKPF.

Application Note

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.