

## 32-7316: Recombinant Human Protein FAM3D (C-6His)

**Gene :** FAM3D  
**Gene ID :** 131177  
**Uniprot ID :** Q96BQ1

### Description

Source: Human Cells.  
MW :23.12kD.

Recombinant Human Protein FAM3D is produced by our Mammalian expression system and the target gene encoding Tyr26-Phe224 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** YMSFSMKTIRLPRWLAASPTKEIQVKKYKGLIKPCPANYFAFKICSGAANVVGPTMCFEDRMIMSPVKNNVGR  
GLNIALVNGTTGAVLGQKAFDMYSGDVMHLVKFLKEIPGGALVLVASYDDPGTKMNDSESRKLFSDLGSSYAKQ  
LGFDRDSWVFIGAKDLRGKSPFEQFLKNPDTNKYEGWPELLEMEGCMPPKPFVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.