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## Product Data Sheet

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Product Name: FAIM Human  
 Cat. No.: GP23462  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	FAIM1; Fas Apoptotic Inhibitory Molecule; FAIM2; LFG; NMP35; Fas Apoptotic Inhibitory Molecule 1; FAIM.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLLPFIR TLPLLCYNHL LVSPDSATLS PPYSLEKMTD LVAVWDVALS DGVHKIEFEH GTTSGKRVVY VDGKEEIRKE WMFKLVGKET FYVGAAKTKA TINIDAI SGF AYEYTL EING KSLKKYMEDR SKTTNTWVLH MDGENFRIVL EKDAMDVWCN GKKLETAGEF VDDGTETHFS IGNHDCYIKA VSSGKRKEGI IHTLIVDNRE IPEIAS.		
Formulation	FAIM protein solution (0.5 mg /ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.		

### Introduction

Fasapoptotic inhibitory molecule, also known as FAIM function as an inducible effector molecule which mediates Fas resistance produced by surface Ig engagement in B cells. In addition FAIM protects against death receptor-triggered apoptosis and regulates B-cell signaling and differentiation. Among the diseases associated with FAIM are hemorrhagic thrombocytopenia, and food allergy.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

### Background

FAIM Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 236 amino acids (1-213aa) and having a molecular mass of 26.4kDa.

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

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