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## Product Data Sheet

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Product Name: FAS Human, Sf9  
 Cat. No.: GP26019  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Tumor necrosis factor receptor superfamily member 6, Apo-1 antigen, Apoptosis-mediating surface antigen FAS, FASLG receptor, CD95, FAS, APT1, FAS1, APO-1, FASTM, ALPS1A, TNFRSF6.		
Amino Acid Sequence	QVTDINSKGL ELRKTVTVE TQNLEGLHHD GQFCHKPCPP GERKARDCTV NGDEPDCVPC QEGKEYTDKA HFSSKCRRRCR LCDEGHGLEV EINCTRTRQNT KCRCKPNFFC NSTVCEHCDP CTKCEHGIK ECTLTSNTKC KEEGSRNLE HHHHHH		
Formulation	FAS protein (0.5mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).		

### Introduction

FAS or tumor necrosis factor receptor superfamily member 6 or TNFRSF6, is part of the death receptor family, which is part of the TNF receptor protein family. TNFRSF6 has a crucial part in regulating viral infections. FAS protein can be found in almost all cell types, when its cognate ligand (FasL) can be found in activated T cells, NK cells & dendritic cells. The regulating protein of FasL & TRAIL on HCMV-infected dendritic enhances direct destruction of activated T lymphocytes. furthermore, subvertneutrophil function in HCMV retinitis can occur when FasL is activated in HCMV infected retinal pigment epithelial cells.

### Stability

Store at 46yC if entire vial will be used within 2-4 weeks. Store, frozen at -206yC for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

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

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FAS Human Recombinant produced in Baculovirus is a single glycosylated polypeptide chain containing 156 amino acids (26-173 aa) and having a molecular mass of 17.7KDa. FAS is fused to a 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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