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## Product Data Sheet

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Product Name: FAS Human, His

Cat. No.: GP20201

Batch No.: 1

### Product Data

Purity >98%

Source Escherichia Coli.

Physical  
Appearance solid

Shipping  
Condition Shipped with Ice Packs.

Synonyms CD95; CD-95; Tumor necrosis factor receptor superfamily member 6; FASLG receptor; Apoptosis-mediating surface antigen FAS; Apo-1 antigen; CD95 antigen; FAS; APT1; FAS1; TNFRSF6; APO-1; FASTM; ALPS1A.

Formulation 10mM Sodium Phosphate, pH 8.0.

### Introduction

FAS / CD95 is a 36kDa transmembrane type I receptor, which belongs to the NF/NGF receptor super-family. It is a potent inducer of apoptosis in cells of the immune system upon interaction with its natural ligand, CD95L. Although the CD95/CD95L system could play a role in tumor regression, tumor cells seem to down-regulate CD95 expression as a mechanism of resistance to CD95L-induced killing by T lymphocytes and NK cells. The Fas antigen is expressed on the surface of various cell types, including activated T and B lymphocytes and T lymphoblastoid cell line. CD95 is also expressed in a broad panel of non-transformed cells outside the immune system.

### Stability

CD95 although stable at 10°C for 5 days, should be stored below -18°C. Please prevent freeze-thaw cycles.

### Background

Recombinant FAS antigen/ CD95 purified from E. coli is a single non-glycosylated polypeptide chain containing amino acids 157-335 of Fas antigen. The recombinant CD95 is fused to C-terminal 6-histidine amino acids. The FAS antigen is purified by proprietary chromatographic techniques.

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

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