

## Product datasheet

# Recombinant Human Fas protein ab50092

### 概述

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产品名称	重组人Fas蛋白
蛋白长度	Protein fragment

### 描述

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性质	Recombinant
来源	Escherichia coli

### 氨基酸序列

种属	Human
序列	MRLSSKSVNA QVTDINSKGL ELRKTVTTVE TQNLEGLHHD GQFCHKPCPP GERKARDCTV NGDEPDCVPC QEGKEYTDKA HFSSKRRRCR LCDEGHGLEV EINCTRTQNT KCRCKPNFFC NSTVCEHCDP CTKCEHGIK ECTLTSNTKC KEEGSR
氨基酸	17 to 172

### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab50092** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Inhibition Assay SDS-PAGE Functional Studies
内毒素水平	< 0.100 Eu/μg
纯度	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE and HPLC analyses.
形式	Lyophilised

### 制备和贮存

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稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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Preservative: None  
Endotoxin level is less than 0.1 ng per µg (1EU/µg).

**复溶** Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

## 常规信息

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**功能** Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. The secreted isoforms 2 to 6 block apoptosis (in vitro).

**组织特异性** Isoform 1 and isoform 6 are expressed at equal levels in resting peripheral blood mononuclear cells. After activation there is an increase in isoform 1 and decrease in the levels of isoform 6.

**疾病相关** Defects in FAS are the cause of autoimmune lymphoproliferative syndrome type 1A (ALPS1A) [MIM:601859]; also known as Canale-Smith syndrome (CSS). ALPS is a childhood syndrome involving hemolytic anemia and thrombocytopenia with massive lymphadenopathy and splenomegaly.

**序列相似性** Contains 1 death domain.  
Contains 3 TNFR-Cys repeats.

**结构域** Contains a death domain involved in the binding of FADD, and maybe to other cytosolic adapter proteins.

**细胞定位** Secreted and Cell membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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