

Product datasheet

Recombinant Human Fas protein ab50092

概述

产品名称	重组人Fas蛋白
蛋白长度	Protein fragment

描述

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

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

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

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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