abcam

Product datasheet

Recombinant Human Fas protein ab50092

製品の概要

製品名	Recombinant Human Fas protein
タンパク質長	Protein fragment

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

生物種	Human
配列	MRLSSKSVNA QVTDINSKGL ELRKTVTTVE TQNLEGLHHD GQFCHKPCPP GERKARDCTV NGDEPDCVPC QEGKEYTDKA HFSSKCRRCR LCDEGHGLEV EINCTRTQNT KCRCKPNFFC NSTVCEHCDP CTKCEHGIIK ECTLTSNTKC KEEGSRS
領域	17 to 172

特性

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.

アプリケーション	Inhibition Assay SDS-PAGE Functional Studies
エンドトキシン・レベル	< 0.100 Eu/µg
精製度	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE and HPLC analyses.
製品の状態	Lyophilised

前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

	Preservative: None Endotoxin level is less than 0.1 ng per µg (1EU/µg).
再構成	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 4oC for 1 week or -20oC for future use.

関連情報

機能	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).
組織特異性	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.
関連疾患	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.
配列類似性	Contains 1 death domain. Contains 3 TNFR-Cys repeats.
ドメイン	Contains a death domain involved in the binding of FADD, and maybe to other cytosolic adapter proteins.
細胞内局在	Secreted and Cell membrane.

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