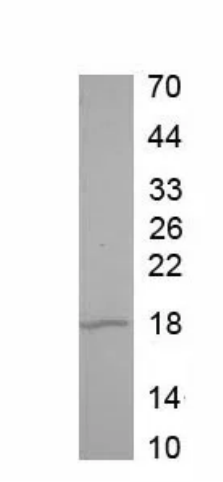
Active Factor Related Apoptosis (FAS)

Catalog#:PEH12027

概述（Summary）

别称（Alternative Names）	CD95; ALPS1A; ALPS1-A; APO1; APT1; FAS1; FASTM; TNFRSF6; Fas Receptor; TNF Receptor Superfamily Member 6; Tumor Necrosis Factor Receptor Superfamily Member 6
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	Please contact with the lab for this information
蛋白构建（Construction）	【Gln26-Asn173】
Accession #	P25445
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	17.9 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 20mM Tris, 150mM NaCl (PH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	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).

电泳图（SDS-PAGE image）



Greater than 95% as determined by reducing SDS-PAGE.

活性图（Bioactivity image）

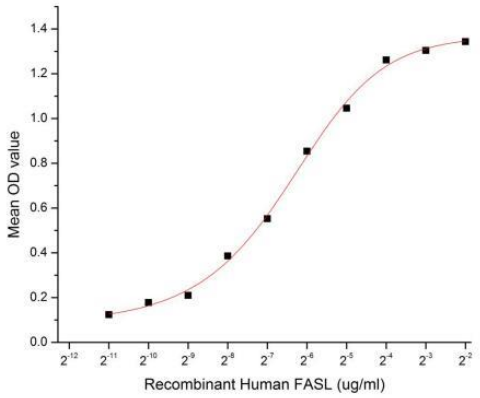


Figure 1. The binding activity of FAS with FASL

FAS (Tumor necrosis factor receptor superfamily member 6) belongs to the tumor necrosis factor receptor superfamily. FAS contains a death domain, which has been shown to play a central role in the physiological regulation of programmed cell death. A binding ELISA assay was conducted to detect the association of FAS with FASL. Briefly, FASL were diluted serially in PBS, with 0.01% BSA (pH 7.4). Duplicate samples of 100 ul FASL were then transferred to FAS-coated microtiter wells (1ug/ml, 100ul/well) and incubated for 1h at 37℃. Wells were washed with PBST and incubated for 1h with anti-FASL pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 5 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37℃. Finally, add 50μL stop solution to the wells and read at 450nm immediately. The binding activity of FAS and FASL was shown in Figure 1, and this effect was in a dose dependent manner, the EC50 was approximately 0.012 ug/mL.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.