

Active Recombinant Human Fas cell surface death receptor Protein, His tagged

Cat. No. FAS-33H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FAS, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect cells
ProteinLength	26-173aa
Description	FAS, also known as tumor necrosis factor receptor superfamily member 6, belongs to the death receptor subfamily of the TNF receptor superfamily and is designated TNFRSF6. This protein plays a major role in controlling viral infections. While FAS is expressed on most cell types, its cognate ligand (FasL) is restricted to activated T, NK and dendritic cells. The upregulation of FasL and TRAIL on HCMV-infected dendritic cells promotes direct killing of activated T lymphocytes, an action that may preferentially delete HCMV-specific T cells. Moreover, the activation of FasL on HCMVinfected retinal pigment epithelial cells may subvertneutrophil function in HCMV retinitis.
Tag	C-His
Form	Liquid
Bio-activity	Measured by ability to inhibit FAS ligand-induced apoptosis assay using Jurkat

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	human acute T cell leukemia cells in the presence of 2 ng/mL of human FAS ligand. The ED50 range \leq 200 ng/mL.
Molecular Mass	17.7 kDa (156aa)
AA Sequence	QVTDINSKGLELRKTVTTVETQNLEGLHHDGQFCHKPCPPGERKARDCTVNGDEPD CVPCQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCTRTQNTKCRCKPNFFCN STVCEHCDPCTKCEHGIIECTLTSNTKCKEEGSRSN
Endotoxin	< 1 EU/ μ g by LAL
Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Concentration	0.5 mg/mL (determined by absorbance at 280nm)
References	1. Seirafian S., et al. (2014) J. Gen. Virol. 95(4):933-939. 2. Thurner EM., et al. (2014) Strahlenther Onkol 190(3):304-309.

GENE INFORMATION

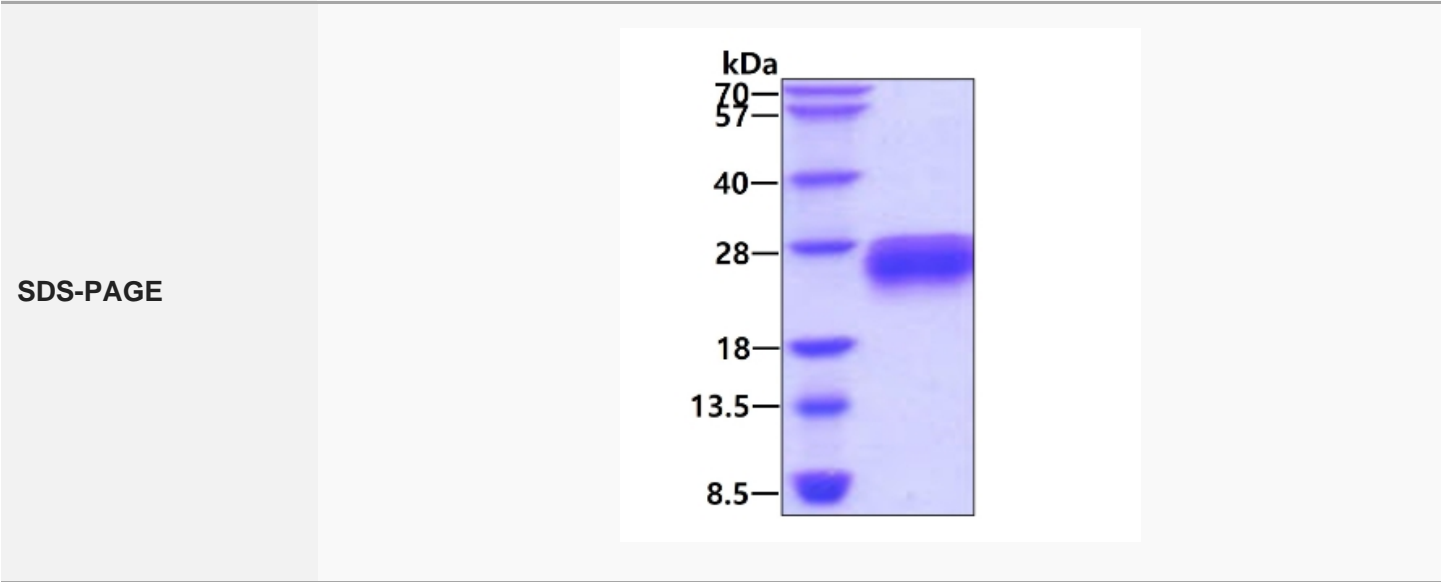
Gene Name [FAS Fas cell surface death receptor \[Homo sapiens \(human\) \]](#)

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Official Symbol	FAS
Synonyms	FAS; Fas (TNF receptor superfamily, member 6); APT1, FAS1, TNFRSF6, tumor necrosis factor receptor superfamily, member 6; tumor necrosis factor receptor superfamily member 6; APO 1; CD95; Fas AMA; FAS 827dupA; CD95 antigen; FASLG receptor; apoptosis antigen 1; Delta Fas/APO-1/CD95; APO-1 cell surface antigen; apoptosis-mediating surface antigen FAS; tumor necrosis factor receptor superfamily, member 6; APT1; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6;
Gene ID	355
mRNA Refseq	NM_000043
Protein Refseq	NP_000034
MIM	134637
UniProt ID	P25445



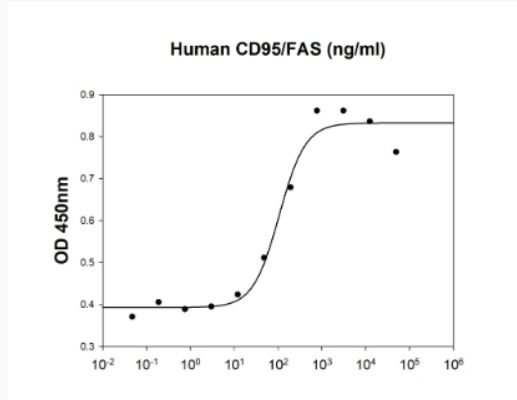
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3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

Biological Activity



Human CD95/FAS inhibit apoptosis of the Jurkat human acute T cell leukemia cells in the presence of human FAS ligand. The ED50 range \leq 200 ng/mL.

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