

Recombinant Human FAS protein

FAS-26332TH Human

Lot. No. (See product label)

Specification

Product Overview	Recombinant Human FAS was expressed in E. coli.
Source	E. coli
Species	Human
Form	FAS protein was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4.
Bio-activity	The ED50 was determined by its ability to inhibit the cytotoxicity of Jurkat cells is between 10-15 µg/ml in the presence of 2ng/ml of hFasL.
Molecular Mass	17.6kDa
Protein length	157 amino acids
AA Sequence	MRLSSKSVNA QVTDINSKGL ELRKTVTTVE TQNLEGLHHD GQFCHKPCPP GERKARDCTV NGDEPDCVPC QEGKEYTDKA HFSSKCRRCR LCDEGHGLEV EINCTRTQNT KCRCKPNFFC NSTVCEHCDP CTKCEHGIK ECTLTSNTKC KEEGSR.
Purity	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Storage	Lyophilized FAS although stable at room temperature for 3 weeks, should be stored desiccated below -18 centigrade. Upon reconstitution FAS should be stored at 4 centigrade between 2-7 days and for future use below -18 centigrade. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Reconstitution	It is recommended to reconstitute the lyophilized FAS in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Gene Information

Gene Name	FAS Fas (TNF receptor superfamily, member 6) [Homo sapiens]
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;

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Gene ID	355
mRNA Refseq	NM_000043
Protein Refseq	NP_000034
MIM	134637
UniProt ID	P25445
Chromosome Location	10q24.1
Pathway	Activation of Pro-Caspase 8, organism-specific biosystem; Adipogenesis, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Alzheimers disease, organism-specific biosystem;
Function	binding; identical protein binding; kinase binding; protein binding; receptor activity; receptor activity; signal transducer activity; transmembrane signaling receptor activity; tumor necrosis factor-activated receptor activity;

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