

Active Recombinant Human Fas protein, His-tagged

Cat. No. FAS-3154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Fas protein(NP_000034.1)(Met1-Asn173), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Asn173
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to inhibit Fas Ligand induced apoptosis of Jurkat human acute T cell leukemia cells.The ED50 for this effect is typically 0.2-1.2 µg/mL in the presence of 200ng/mL recombinant human Fas ligand.
Molecular Mass	The secreted recombinant human FAS comprises 159 amino acids and has a predicted molecular mass of 18.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhFAS is approximately 35 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;

Gene ID 355

mRNA Refseq NM_000043

Protein Refseq NP_000034

MIM 134637

UniProt ID P25445

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