

Active Recombinant Human FAS protein, hFc&His-tagged

Cat. No. FAS-2664H Lot. No. (See product label)

SPECIFICATION

Product Overview Active Recombinant Human FAS/APO-1/CD95 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln26-Asn173) of human FAS/CD95/APO-1/TNFRSF6 (Accession #NP_000034.1) fused with an Fc, 6xHis tag at the C-terminus.

Species Human

Source HEK293

ProteinLength Gln26-Asn173

Form Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Bio-activity

1. Measured by its binding ability in a functional ELISA. Immobilized recombinant Human Fas Ligand at 2 µg/mL (100 µL/well) can bind recombinant Human FAS. The EC50 of Human FAS is 6.23 ng/mL.
2. 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 16.5-66 ng/mL in the presence of 5 ng/mL Recombinant Human Fas Ligand.

Molecular Mass 50-70 kDa

Endotoxin < 0.1 EU/µg of the protein by LAL method.

Purity > 90% by SDS-PAGE.

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Storage Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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

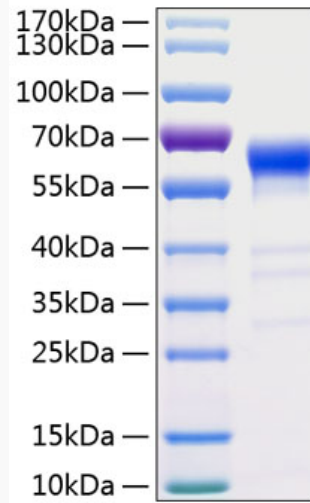
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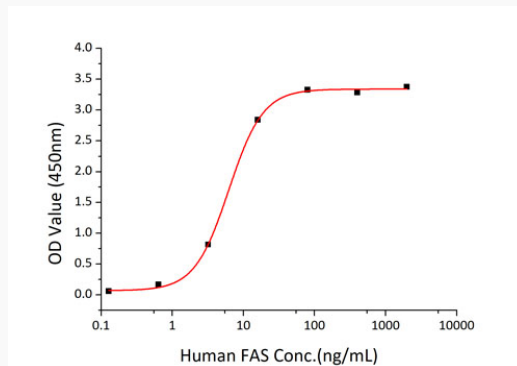
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SDS-PAGE



Bio-activity



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