

## Active Recombinant Human FAS protein, hFc&His-tagged

**Cat. No.** FAS-70H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FAS protein(Gln26-Asn173), fused with C-terminal hFc and His tag, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 26-173 aa                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | 43.43 kDa                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | ≥ 90 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the                                                                                                                                                                                                                                                                                                                                          |

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date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

#### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## 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

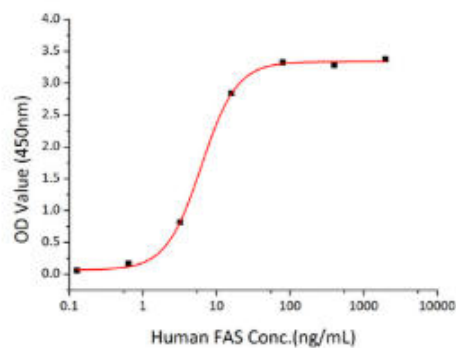
**UniProt ID** P25445

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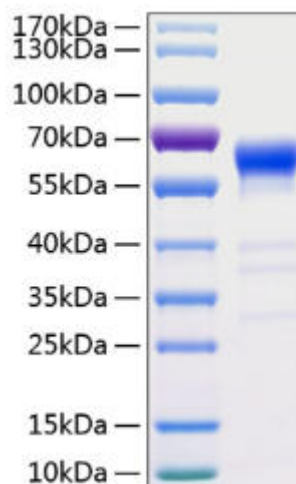
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## Activity



## SDS-PAGE



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