

## Active Recombinant Human FAS, Fc-tagged

**Cat. No.** FAS-239H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | The Fc portion of human IgG1 is fused to the C-terminus of human Fas (aa 26-170).                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 26-170 a.a.                                                                                                                                                                                                     |
| <b>Description</b>      | FasL is a cytokine that binds to Fas/TNFRSF6, a receptor that transduces the apoptotic signal into cells. FasL is involved in cytotoxic T cell mediated apoptosis and in T cell development.                    |
| <b>Form</b>             | Lyophilized. Contains PBS.                                                                                                                                                                                      |
| <b>Bio-activity</b>     | Blocks the binding of FasL to Fas.                                                                                                                                                                              |
| <b>Molecular Mass</b>   | ~47kDa (SDS-PAGE)                                                                                                                                                                                               |
| <b>Purity</b>           | ≥95% (SDS-PAGE)                                                                                                                                                                                                 |
| <b>Stability</b>        | Stable for at least 6 months after receipt when stored at -20°C.                                                                                                                                                |
| <b>Storage</b>          | Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** 1mg/ml after reconstitution.

## 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

**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

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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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