

## Active Recombinant Cynomolgus FAS protein, hFc-tagged

**Cat. No.** FAS-2183C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus FAS protein(F6V1W6)(Met1-Asp173), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Cynomolgus
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asp173
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1. 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 0.5-3 µg/mL in the presence of 200 ng/mL recombinant human Fas ligand. 2. Measured by its binding ability in a functional ELISA. Immobilized human His-FASLG at 10 µg/ml (100 µl/well) can bind Cynomolgus FAS-Fc. The EC50 of Cynomolgus FAS-Fc is 0.06-0.14 µg/ml.
<b>Molecular Mass</b>	The recombinant cynomolgus FAS is a disulfide-linked homodimer. The reduced monomer comprises 389 amino acids and has a calculated molecular mass of 43.8 KDa. The apparent molecular mass of the protein is approximately 47-57 KDa in SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method

 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

<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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.

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