

Active Recombinant Cynomolgus FAS protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Cynomolgus FAS protein(F6V1W6)(Met1-Asp173), fused with hFc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Asp173
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 95 % as determined by SDS-PAGE
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.

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