

Recombinant Rat FAS protein(Met1-Lys170), hFc-tagged

Cat. No. FAS-547R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat FAS (NP_631933.2) (Met1-Lys170) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-170 a.a.
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	Measured by its binding ability in a functional ELISA. Immobilized human His-FASLG at 10 µg/ml (100 µl/well) can bind rat FAS-Fc. The EC50 of rat FAS-Fc is 0.22-0.52 µg/ml.
Molecular Mass	The recombinant rat FAS/Fc is a disulfide-linked homodimer. The reduced monomer comprises 390 amino acids and has a predicted molecular mass of 43.7 kDa. The apparent molecular mass of the protein is approximately 57 and 36 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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.

GENE INFORMATION

Gene Name Fas Fas (TNF receptor superfamily, member 6) [*Rattus norvegicus*]

Official Symbol FAS

Synonyms FAS; Fas (TNF receptor superfamily, member 6); tumor necrosis factor receptor superfamily member 6; CD95 antigen; Fas receptor; apo-1 antigen; FASLG receptor; Fas antigen (ATP1); apoptosis-mediating surface antigen FAS; Tumor necrosis factor receptor superfamily, member 6; Tnfrsf6;

Gene ID 246097

mRNA Refseq NM_139194

Protein Refseq NP_631933

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