

Active Recombinant Rat Fas protein, His-tagged

Cat. No. Fas-4096R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fas protein(NP_631933.2)(Met1-Lys170), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Lys170
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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 20 ng/mL recombinant human Fas ligand.
Molecular Mass	The recombinant rat FAS comprises 160 amino acids and predicts a molecular mass of 18 kDa. As a result of glycosylation, the apparent molecular mass of the rat FAS is approximately 30-35 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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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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