

Active Recombinant Mouse Fas protein(Met1-Arg169), His-tagged

Cat. No. Fas-3268M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse FAS (NP_032013.2) (Met 1-Arg 169) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg169
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 ability to inhibit Fas Ligand induced apoptosis of Jurkat human acute T cell leukemia cells. The ED50 for this effect is typically 0.5-4µg/mL in the presence of 200ng/mL recombinant human Fas ligand.
Molecular Mass	The recombinant mouse FAS consists of 159 amino acids and has a predicted molecular mass of 18 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmFAS is approximately 30-35 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % 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) [Mus musculus]

Official Symbol Fas

Synonyms FAS; Fas (TNF receptor superfamily member 6); tumor necrosis factor receptor superfamily member 6; Fas antigen; apo-1 antigen; FASLG receptor; lymphoproliferation; Fas (TNF receptor superfamily member); apoptosis-mediating surface antigen FAS; lpr; APO1; APT1; CD95; TNFR6; Tnfrsf6; AI196731;

Gene ID 14102

mRNA Refseq NM_001146708

Protein Refseq NP_001140180

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