

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse FAS (NP_032013.2) (Met 1-Arg 169) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Arg169
<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>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 98 % as determined by SDS-PAGE

 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

**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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