

Active Recombinant Cynomolgus Monkey Fas Protein, Fc tagged

Cat. No. FAS-513C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus Monkey Fas/TNFRSF6/CD95 (Gln26-Asp173) with Human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in Chinese Hamster Ovary cell line.
Species	Cynomolgus
Source	CHO
ProteinLength	26-173 aa
Description	Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase CASP8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs CASP8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both (By similarity).
Tag	Fc
Form	Disulfide-linked homodimer
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 40.0-240 ng/mL.

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

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

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Molecular Mass	43 kDa
N-terminal Sequence Analysis	Gln26, inferred from deblocking revealing Val27
Endotoxin	< 0.10 EU/μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS.
Reconstitution	Reconstitute at 500 μg/mL in PBS.
Shipping	The product is shipped with polar packs.
Reference	1. Bouillet, P. and L.A. O'Reilly (2009) Nat. Rev. Immunol. 9:514. 2. Strasser, A. et al. (2009) Immunity 30:180. 3. Ashkenazi, A. and V. Dixit (1999) Curr. Opin. Cell Biol. 11:255.

GENE INFORMATION

Gene Name	FAS Fas cell surface death receptor [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	FAS
Synonyms	FAS; Fas cell surface death receptor; APT1; TNFRSF6; tumor necrosis factor

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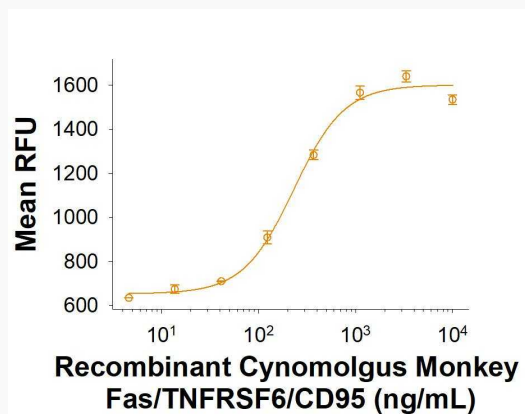
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receptor superfamily member 6; Apo-1 antigen; Apoptosis-mediating surface antigen FAS; FASLG receptor; Tumor necrosis factor receptor superfamily member 6; death receptor Fas (APO-1/CD95)

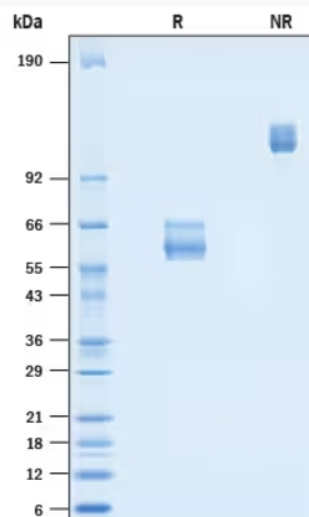
Gene ID 102140989

UniProt ID Q9TSN4

Bioactivity



SDS-PAGE



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