

Recombinant Mouse CD40 protein(Met1-Arg193), hFc-tagged

Cat. No. CD40-1088M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD40 (NP_035741.2) (Met1-Arg193) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg193
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 mCD40-Fc at 10 µg/mL (100 µL/well) can bind cynoCD40LG-Fc/Biotin.
Molecular Mass	The recombinant mouse CD40 consists of 415 amino acids and predicts a molecular mass of 46.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
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.

 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

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 Cd40 CD40 antigen [*Mus musculus*]

Official Symbol CD40

Synonyms CD40; CD40 antigen; tumor necrosis factor receptor superfamily member 5; CD40L receptor; B-cell surface antigen CD40; T-cell differentiation antigen; tumor necrosis factor receptor superfamily, member 5; IGM; p50; Bp50; GP39; IMD3; TRAP; HIGM1; T-BAM; Tnfrsf5; AI326936;

Gene ID 21939

mRNA Refseq NM_011611

Protein Refseq NP_035741

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