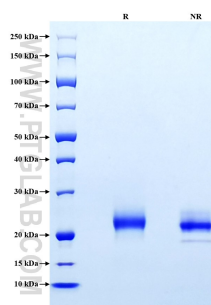


Recombinant Mouse CD40 protein (His Tag)

Catalog Number: Eg1118

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: His Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/ µg protein, LAL method Source: HEK293-derived Mouse CD40 protein Val24-Arg193 (Accession# P27512-1) with a His tag at the C-terminus. GeneID: 21939 Accession: P27512-1 Predicted Molecular Mass: 20.0 kDa SDS-PAGE: 21-24 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	CD40, also named as TNFRSF5 and Bp50, is a type I transmembrane protein that belongs to the tumor necrosis factor-R (TNF-R) family. CD40 is expressed on B cells, dendritic cells (DCs), monocytes, platelets, and macrophages as well as by non-hematopoietic cells such as myofibroblasts, fibroblasts, epithelial, and endothelial cells. It is a receptor for TNFSF5/CD40LG. CD40L/CD40 interactions are essential for immunoglobulin (Ig) isotype switching, germinal center formation and the development of B cell memory.		
References	<ol style="list-style-type: none">1. van Kooten, C. et al. (2001) J Leukocyte Biol. 67(1):2-17.2. Elgueta, R. et al. (2009) Immunol Rev. 229(1):152-72.3. Foy, TM. et al. (1994) J EXP MED. 180(1):157-63.4. Ferrari, S. et al. (2001) P Natl Acad Sci USA. 98(22):12614-9.		
Synonyms	Cd40, Bp50, CD40 antigen, Tnfrsf5		

Selected Validation Data



Purity of Recombinant Mouse CD40 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.