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37-1119: Human CD40 / TNFRSF5 Recombinant Protein (ECD, Fc Tag)(Discontinued)

Reactivity : Human
Alternative Name : Bp50 Protein, CDW40 Protein, p50 Protein, TNFRSF5 Protein,

Description

Source : HEK293 Cells
CD40, also known as TNFRSF5, is a member of the TNF receptor superfamily which are single transmembrane-spanning glycoproteins. CD40 protein plays an essential role in mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. CD40 protein is expressed in B cells, dendritic cells, macrophages, endothelial cells, and several tumor cell lines. Defects in CD40 result in hyper-IgM immunodeficiency type 3 (HIGM3). In addition, CD40/CD40L interaction is found to be necessary for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis. Cancer Immunotherapy Co-stimulatory Immune Checkpoint Targets Immune Checkpoint Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: ICC Antibodies Immune Checkpoint Detection: IP Antibodies Immune Checkpoint Detection: WB Antibodies Immune Checkpoint Proteins Immune Checkpoint Targets Immunotherapy Targeted Therapy

Product Info

Amount :	Human CD40 / TNFRSF5 Recombinant Protein (ECD, Fc Tag)(Discontinued) / 100 µg
Purification :	> 90 % as determined by SDS-PAGE.
Content :	Formulation Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	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.
Amino Acid :	Met1-Arg193

Application Note

1. Measured by its binding ability in a functional ELISA. 2. Immobilized human CD40L-His at 10 ÃÂµg/mL (100 ÃÂµL/well) can bind Human CD40-Fc. The EC50 of Human CD40-Fc is 10-30 ng/mL.
Endotoxin :< 1.0 EU per ÃÂµg protein as determined by the LAL method.

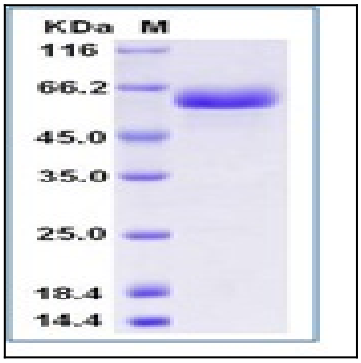


Fig 1: Human CD40 / TNFRSF5 Recombinant Protein (ECD, Fc Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.