

## 37-1346: Mouse CD40 / TNFRSF5 Recombinant Protein (Fc Tag)(Discontinued)

**Reactivity :** Mouse  
AI326936 Protein, Mouse; Bp50 Protein, Mouse; GP39 Protein, Mouse; HIGM1 Protein, Mouse; IGM  
**Alternative Name :** Protein, Mouse; IMD3 Protein, Mouse; p50 Protein, Mouse; T-BAM Protein, Mouse; Tnfrsf5 Protein,  
Mouse; TRAP Protein, Mouse

### 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 :** Mouse CD40 / TNFRSF5 Recombinant Protein (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

Endotoxin :< 1.0 EU per µg protein as determined by the LAL method.

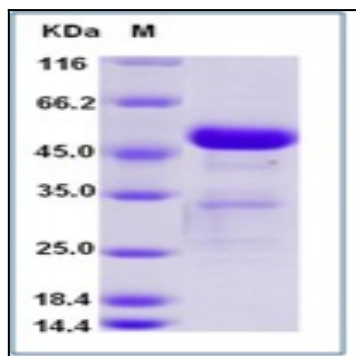


Fig 1: Mouse CD40 / TNFRSF5 Recombinant Protein (Fc Tag)