



Recombinant Protein Technical Manual

Recombinant Mouse 4BB/TNFRSF9 Protein (aa 2487, Fc Tag)(Active)
RPES4893

Product Data:

Product SKU: RPES4893

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: NP_001070976.1

Protein Information:

Molecular Mass: 44.7 kDa

AP Molecular Mass: 60-70 kDa

Tag: C-Fc

Bio-activity: Immobilized Human 4BBL-His(Cat: PKSH032023) at 0.05µg/ml(100 µl/well) can bind Mouse 4BB-Fc.

Purity: > 95 % as determined by SDS-PAGE

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

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at<-20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Reconstitution: Please refer to it for detailed information.

Application: Functional ELISA

Synonyms: 4BB; A930040I11Rik; AA408498; AI325004; Cd137; CDw137; ILA; Ly63;Secreted CD137 antigen ;Tumor necrosis factor receptor superfamily member 9 ;Tnfrsf9

Immunogen Information:

Sequence: Met 1-Leu 211

Background:

Tumor necrosis factor receptor superfamily member 9 (TNFRSF9) is a member of the tumor necrosis factor (TNF) receptor family. It can be induced by lymphocyte activation (ILA) and is expressed by activated T cells, but to a larger extent on CD8 than on CD4 T cells. In addition, TNFRSF9 expression is found on dendritic cells, follicular dendritic cells, natural killer cells, granulocytes and cells of blood vessel walls at sites of inflammation. As receptor for TNFSF9/4BBL, it can activate T cells and the cross-linking of this protein can enhance T cell proliferation, IL-2 secretion survival and cytolytic activity. Further, it can enhance immune activity to eliminate tumors in mice.