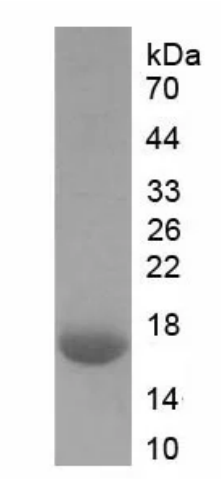
Active Tumor Necrosis Factor Receptor Superfamily, Member 9 (TNFRSF9)

Catalog#:PEH12689

概述（Summary）

别称（Alternative Names）	CD137; CDw137; 4-1BB; ILA; Induced By Lymphocyte Activation; T-cell antigen 4-1BB homolog
纯度（Purity）	Greater than 97% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	Please contact with the lab for this information
蛋白构建（Construction）	【Asn40-Glu153】
Accession #	Q07011
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	13.6 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Receptor for TNFSF9/4-1BBL. Possibly active during T cell activation.

电泳图（SDS-PAGE image）



Greater than 97% as determined by reducing SDS-PAGE.

活性图（Bioactivity image）

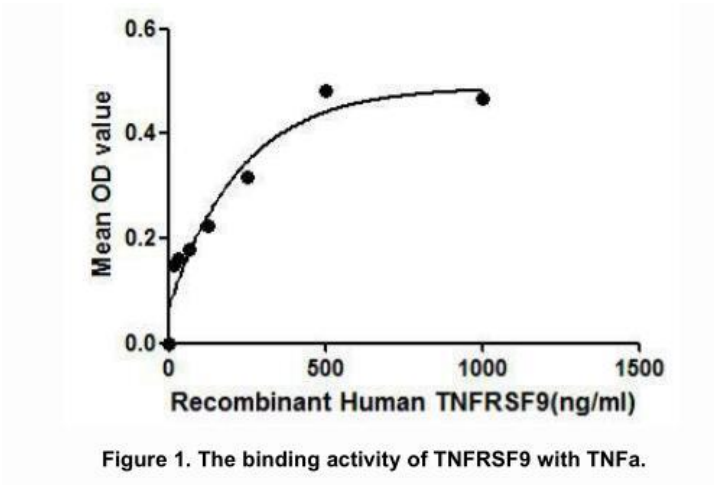


Figure 1. The binding activity of TNFRSF9 with TNFa.

TNFRSF9 (Tumor necrosis factor receptor superfamily member 9) is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. A binding ELISA assay was conducted to detect the interaction of TNFRSF9 and TNFa. Briefly, recombinant human TNFRSF9 were diluted serially in PBS, with 0.01%BSA (pH 7.4). Duplicate samples of 100uL were then transferred to TNFa-coated microtiter wells and incubated for 2h at 37°C. Wells were washed with PBST and incubated for 1h with anti-TNFRSF9 pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37°C. Finally, add 50μL stop solution to the wells and read at 450nm immediately. The binding activity of TNFRSF9 and TNFa was shown in Figure 1, and this effect was in a dose dependent manner.

注意事项（Note）

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