

Recombinant Mouse 4-1BB/TNFRSF9 Protein (aa 24-187, Fc Tag)



Catalog Number:PKSM041199

Note: Centrifuge before opening to ensure complete recovery of vial contents.

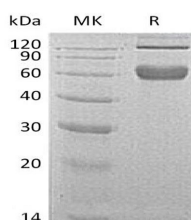
Description

Synonyms	4-1BB;A930040I11Rik;AA408498;AI325004;Cd137;CDw137;ILA;Ly63;Secreted CD137 antigen;Tumor necrosis factor receptor superfamily member 9;Tnfrsf9
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Val24-Leu187
Accession	P20334
Calculated Molecular Weight	44.7 kDa
Observed molecular weight	60-70 kDa
Tag	C-Fc

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein 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, pH 7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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 TNFSF9/4-1BBL, 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.

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