TNFSF9/TNF ligand superfamily member 9/4-1BBL

Catalog Number:E21-H04

Amount:10ug

Alternname: Tumor necrosis factor ligand superfamily member 9; 4-1BB ligand; 4-1BBL; TNFSF9

Storage/Stability: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C for 2-7 days.Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Background: Tumor necrosis factor ligand superfamily member 9(4-1BBL) is single-pass type II membrane protein which is a member of the the tumor necrosis factor family. 4-1BBL is a 254 amino acids cytokine that is expressed in brain, placenta, lung, skeletal muscle and kidney. TNFSF9 has been shown to reactivate anergic T lymphocytes in addition to promoting T lymphocyte proliferation. This cytokine may have a role in activation-induced cell death (AICD) and cognate interactions between T-cells and B-cells/macrophages. It has also been shown to be required for the optimal CD8 responses in CD8 T cells, and is thought to be involved in T cell-tumor cell interaction.

Species: Human

Reconstitution: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100 μg/ml.Dissolve the lyophilized protein in ddH2O.Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Purity: Greater than 95% as determined by reducing SDS-PAGE.

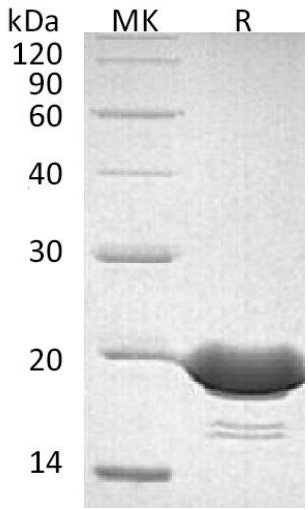
Description: Recombinant Human 4-1BB ligand is produced by our E.coli expression system and the target gene encoding Arg71-Glu254 is expressed with a 6His tag at the C-terminus.

Product State: Lyophilized

Ship Description: The product is shipped at ambient temperature.

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

Expression system:E.coli



Greater than 95% as determined by reducing SDS-PAGE.