

Human 4-1BB CDR123 Protein

Cat. No. BB4-HM213

Description

| | |
|-------------------------|--|
| Source | Recombinant Human 4-1BB CDR123 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Leu24-Lys118. |
| Accession | Q07011-1 |
| Molecular Weight | The protein has a predicted MW of 36.8 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per μg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

Formulation and Storage

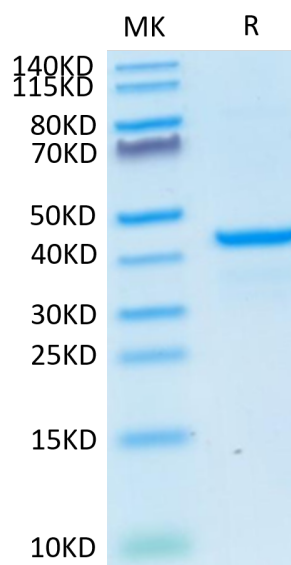
| | |
|--------------------|--|
| Formulation | Supplied as 0.22 μm filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

4-1BB, is also known as CD137, is a type 2 transmembrane glycoprotein receptor belonging to the TNF superfamily. CD137 can be expressed by activated T cells, but to a larger extent on CD8 than on CD4 T cells. In addition, CD137 expression is found on dendritic cells, B cells, follicular dendritic cells, natural killer cells, granulocytes and cells of blood vessel walls at sites of inflammation.

Assay Data

Bis-Tris PAGE



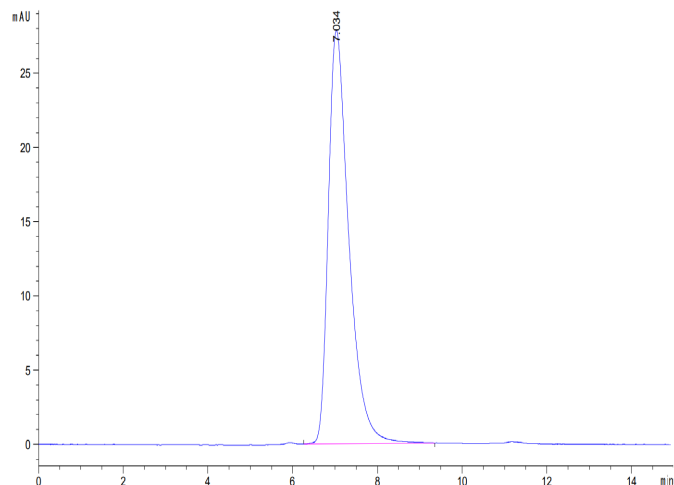
Human 4-1BB CDR123 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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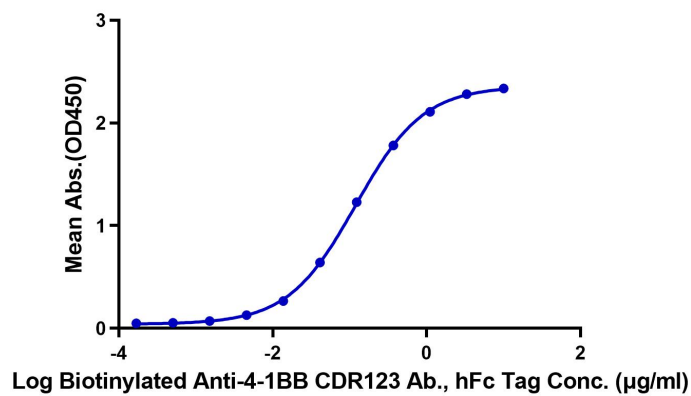
Assay Data



The purity of Human 4-1BB CDR123 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Human 4-1BB CDR123, hFc Tag ELISA
0.05µg Human 4-1BB CDR123, hFc Tag Per Well



Immobilized Human 4-1BB CDR123, hFc Tag at 0.5µg/ml (100µl/Well) on plate. Dose response curve for Biotinylated Anti-4-1BB CDR123 Ab., hFc Tag with the EC50 of 0.12µg/ml determined by ELISA.