

# Human 4-1BB CDR234 Protein

Cat. No. BB4-HM224



## Description

<b>Source</b>	Recombinant Human 4-1BB CDR234 Protein is expressed from HEK293 with hFc (IgG1) tag at the C-Terminus. It contains Pro47-Gly159.
<b>Accession</b>	Q07011-1
<b>Molecular Weight</b>	The protein has a predicted MW of 38.9 kDa. Due to glycosylation, the protein migrates to 48-58 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1 EU per µg by the LAL method.
<b>Purity</b>	> 90% as determined by Bis-Tris PAGE > 90% as determined by HPLC

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	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.

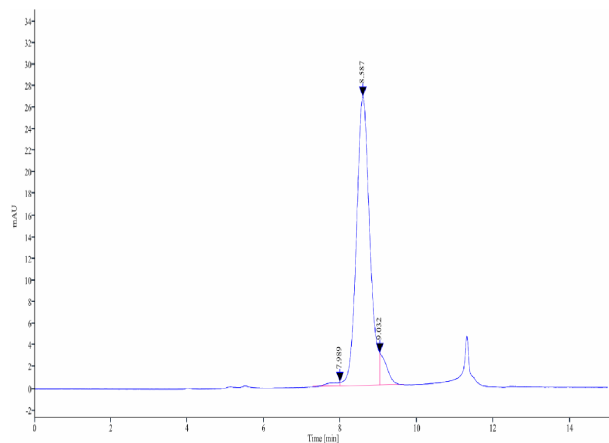
## Assay Data

### Bis-Tris PAGE



Human 4-1BB CDR234 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.

### SEC-HPLC



The purity of Human 4-1BB CDR234 is greater than 90% as determined by SEC-HPLC.