

PRODUCT INFORMATION

4-1BB **Target**

ILA; TNFRSF9; CD137; CDw137; IMD109 **Synonyms**

Recombinant human 4-1BB(87-118) Protein with **Description**

C-terminal human Fc tag

Delivery In Stock **Uniprot ID** Q07011 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Storage & Shipping

Background

4-1BB(Asp87-Lys118) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight**

29.5 kDa after removal of the signal peptide. The apparent molecular mass of 4-1BB(87-118)-hFc is approximately 25-35 kDa due to glycosylation. The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & Reconstitution

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and

development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of

this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq,

Jul 2008]

Usage Research use only

Conjugate Unconjugated

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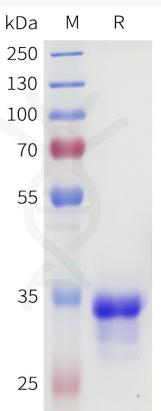


Figure 1. Human 4-1BB(87-118) Protein, hFc Tag on SDS-PAGE under reducing condition.

