

## **PRODUCT INFORMATION**

4-1BB **Target** 

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

Recombinant Cynomolgus 4-1BB protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** A9YYE7 **Expression Host HEK293** 

Tag C-Human Fc tag

Molecular

**Molecular Weight** 

**Background** 

4-1BB(Leu24-Gln186) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

43.4 kDa after removal of the signal peptide. The apparent molecular mass of c4-1BB-hFc is approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions.

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 Storage & Shipping

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

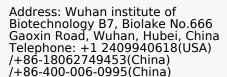
this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq,

Jul 2008]

**Usage** Research use only

Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com







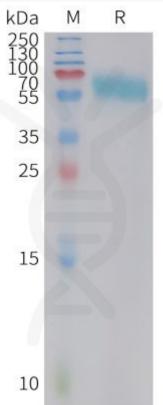


Figure 1. Cynomolgus 4-1BB Protein, hFc Tag on SDS-PAGE under reducing condition.

