

PRODUCT INFORMATION

Target B7-1

B7;CD80 **Synonyms**

Recombinant mouse B7-1 protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** Q00609 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Mouse B7-1(Val38-Lys245) hFc(Glu99-Ala330) Characterization

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

49.8 kDa after removal of the signal peptide. The apparent molecular mass of mB7-1-hFc is

approximately 70-100 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 % Formulation &

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

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 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 membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell

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proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. [provided by RefSeq, Aug 2011] **Background**

Usage Research use only

Conjugate Unconjugated





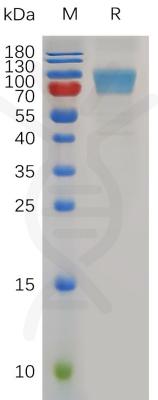


Figure 1. Mouse B7-1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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