

## 32-17911: Recombinant Mouse B7-1 Protein, hFc Tag

**Uniprot ID :** Q00609

**Alternative Name :** B7, CD80

### Description

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

Molecular weight: The protein has a predicted molecular mass of 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.

Description: Recombinant mouse B7-1 protein with C-terminal human Fc tag

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 proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.