

## **PRODUCT INFORMATION**

IL6 **Target Synonyms** 11-6

Recombinant mouse IL6 protein with C-terminal **Description** 

human Fc tag

**Delivery** In Stock **Uniprot ID** P08505 **Expression Host HEK293** 

Tag C-Human Fc Tag

Molecular

**Background** 

**Usage** 

Mouse IL6(Phe25-Thr211) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 47.9 kDa after removal of the signal peptide. The **Molecular Weight** 

apparent molecular mass of mIL6-hFc is

approximately 35-55 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 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.

This gene encodes a member of the interleukin family of cytokines that have important functions

in immune response, hematopoiesis,

inflammation and the acute phase response. The ectopic overexpression of the encoded protein in

mice results in excessive plasma cells in circulation, leading to death. Mice lacking the

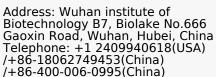
encoded protein exhibit abnormalities in hepatic acute phase response, some immune

mechanisms, bone resorption in response to estrogen, liver regeneration and wound healing. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by

RefSeq, Sep 2015] Research use only

Conjugate Unconjugated

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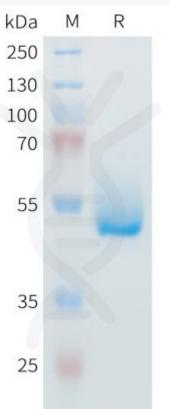


Figure 1. Mouse IL6 Protein, hFc Tag on SDS-PAGE under reducing condition.

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