

Datasheet for ABIN7538346
IL-6 Protein (AA 25-211) (Fc Tag)



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1 Image

Overview

Quantity:	50 µg
Target:	IL-6 (IL6)
Protein Characteristics:	AA 25-211
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-6 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant mouse IL6 protein with C-terminal human Fc tag
Specificity:	Mouse IL6 (Phe25-Thr211) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL-6 (IL6)
Alternative Name:	IL6 (IL6 Products)
Background:	This gene encodes a member of the interleukin family of cytokines that have important

Target Details

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]

Molecular Weight: predicted molecular mass of 47.9 kDa after removal of the signal peptide. The apparent molecular mass of mL6-hFc is 35-55 kDa due to glycosylation.

UniProt: [P08505](#)

Pathways: [TLR Signaling](#), [Hormone Transport](#), [Negative Regulation of Hormone Secretion](#), [Myometrial Relaxation and Contraction](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Regulation of Carbohydrate Metabolic Process](#), [Autophagy](#), [Cell RedoxHomeostasis](#), [Cancer Immune Checkpoints](#), [Inflammasome](#)

Application Details

Restrictions: For Research Use only

Handling

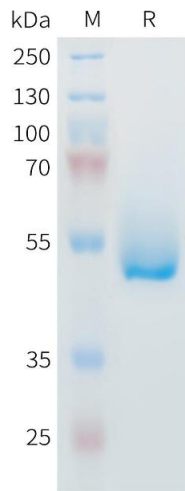
Format: Lyophilized

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

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

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