

Datasheet for ABIN7092795

IL-11 Protein (AA 22-199) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	IL-11 (IL11)
Protein Characteristics:	AA 22-199
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-11 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human IL11 with C-terminal human Fc tag
Specificity:	IL11 (Pro22-Leu199) 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-11 (IL11)
Alternative Name:	IL11 (IL11 Products)
Background:	The protein encoded by this gene is a member of the gp130 family of cytokines. These

Target Details

cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2012]

Molecular Weight: predicted molecular mass of 45.3 kDa after removal of the signal peptide. The apparent molecular mass of IL11-hFc is 55-70 kDa due to glycosylation.

UniProt: [P20809](#)

Pathways: [JAK-STAT Signaling](#), [Negative Regulation of Hormone Secretion](#)

Application Details

Restrictions: For Research Use only

Handling

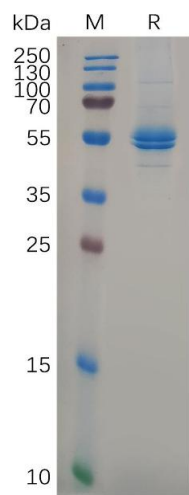
Format: Lyophilized

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. Human IL11 Protein, hFc Tag on SDS-PAGE under reducing condition.