

Datasheet for ABIN7597399

IL-11 Protein (AA 1-199) (DYKDDDDK Tag)



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Overview

Quantity:	10 µg
Target:	IL-11 (IL11)
Protein Characteristics:	AA 1-199
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-11 protein is labelled with DYKDDDDK Tag.

Product Details

Purpose:	Recombinant human IL11 Protein with C-terminal Flag tag
Sequence:	IL11(Met1-Leu199) Flag tag
Purity:	The purity of the protein is greater than 80 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	IL-11 (IL11)
Alternative Name:	IL11 (IL11 Products)
Background:	<p>AGIF, IL-11</p> <p>The protein encoded by this gene is a member of the gp130 family of cytokines. These 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</p>

Target Details

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 25.0 kDa after removal of the signal peptide.

UniProt: [P20809](#)

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

Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

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