

**PRODUCT INFORMATION**

<b>Target</b>	IL11
<b>Synonyms</b>	AGIF; IL-11
<b>Description</b>	Recombinant human IL11 Protein with C-terminal Flag tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P20809
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Flag Tag
<b>Molecular Characterization</b>	IL11(Met1-Leu199) Flag tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 25.0 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	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 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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated





Figure 1. Human IL11 Protein, Flag Tag on SDS-PAGE under reducing condition.

## Human IL11, Flag Tagged Protein ELISA

0.2  $\mu\text{g}$  of Human IL11, Flag tagged protein per well

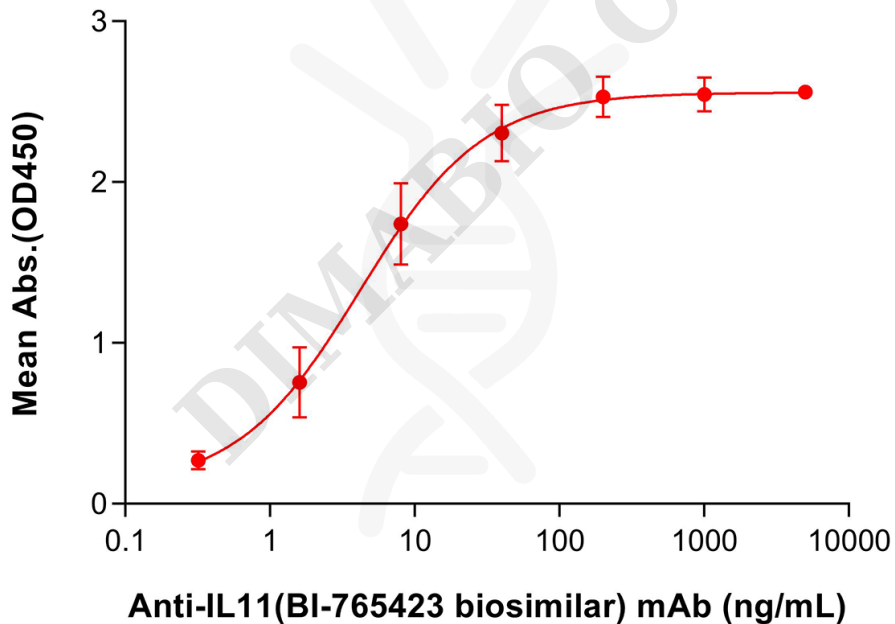


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human IL11 Protein, Flag Tag (PME101704) can bind Anti-IL11(BI-765423 biosimilar) mAb (BME100295) in a linear range of 1.6-8.0 ng/mL.

