PRODUCT INFORMATION

Target	IL11
Synonyms	AGIF; IL-11
Description	Recombinant human IL11 Protein with C-terminal Flag tag
Delivery	In Stock
Uniprot ID	P20809
Expression Host	HEK293
Tag	C-Flag Tag
Molecular Characterization	IL11(Met1-Leu199) Flag tag
Molecular Weight	The protein has a predicted molecular mass of 25.0 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 80% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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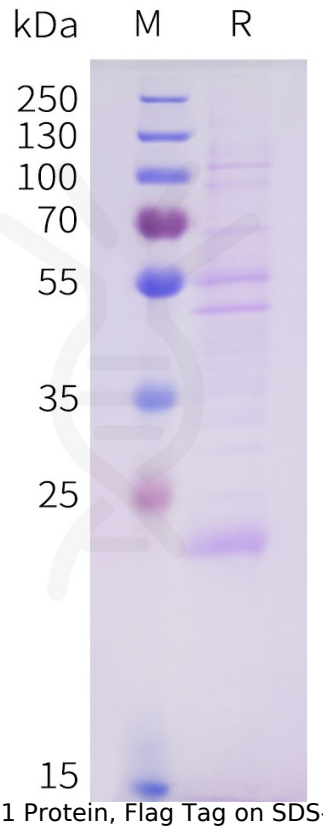


Figure 1. Human IL11 Protein, Flag Tag on SDS-PAGE under reducing condition.

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