



Human IL11 peptide (DAG-P0637)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the IL-6 superfamily.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	IL11 interleukin 11 [Homo sapiens (human)]
Official Symbol	IL11
Synonyms	IL11; interleukin 11; AGIF; IL-11; interleukin-11; oprelvekin; adipogenesis inhibitory factor;
Entrez Gene ID	3589

mRNA Refseq	NM_000641.3
Protein Refseq	NP_000632.1
UniProt ID	A8K3F7
Chromosome Location	19q13.3-q13.4
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Integrated Pancreatic Cancer Pathway, organism-specific biosystem; Interleukin-11 Signaling Pathway, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Rheumatoid arthritis, organi
Function	cytokine activity; growth factor activity; interleukin-11 receptor binding;