



Human IL17A peptide (DAG-P0615)

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 proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq, Jul 2008]
Specificity	Restricted to activated memory T-cells.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the IL-17 family.
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	IL17A interleukin 17A [Homo sapiens (human)]
Official Symbol	IL17A
Synonyms	IL17A; interleukin 17A; IL17; CTLA8; IL-17; IL-17A; interleukin-17A; CTLA-8; cytotoxic T-lymphocyte-associated antigen 8; cytotoxic T-lymphocyte-associated protein 8; interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8);

Entrez Gene ID	3605
mRNA Refseq	NM_002190.2
Protein Refseq	NP_002181.1
UniProt ID	Q16552
Chromosome Location	6p12
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL17 signaling pathway, organism-specific biosystem; IL23-mediated signaling events, organism-specific biosystem; IL27-mediated signaling events, organism-specific biosystem; Inflammatory bowel disease (IBD), organism-specific biosystem; Inflammatory bowel disease (IBD), conserved biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, cons
Function	cytokine activity;