

Active Recombinant Human IL17D protein

Cat. No. IL17D-128H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17D was expressed in E. coli.
Species	Human
Source	E.coli
Description	Interleukin 17D is a disulfide-linked homodimer belonging to the IL-17 family of proinflammatory cytokines. Members belonging to this family share conserved features of cysteine-knot structures but differ in their N-terminal regions. The T-helper cell produced IL17 family is inducible by IL15 and IL23, and IL17D induces expression of endothelial IL6, IL8, and GM-CSF, and inhibits hemopoiesis of myeloid progenitor cells.
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA (with BSA as a carrier protein)
Bio-activity	The ED50 is 7.5-37.5 ng/mL as determined by its binding ability in a functional ELISA (at a concentration of 1 µg/mL).
Molecular Mass	20.5 kDa
Endotoxin	<1.0 EU/µg of recombinant protein as determined by the LAL method.
Purity	>95%

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Applications	Cell Assay
Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 centigrade. Upon reconstitution, this cytokine can be stored in working aliquots at 2 centigrade - 8 centigrade for one month, or at -20 centigrade for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.
Reconstitution	Reconstitute in sterile 4mM HCl at 100µg/mL (containing at least 0.1% human or bovine serum albumin)

GENE INFORMATION

Gene Name	IL17D interleukin 17D [Homo sapiens]
Official Symbol	IL17D
Synonyms	IL17D; interleukin 17D; interleukin-17D; FLJ30846; IL 17D; IL 22; IL 27; IL27; interleukin 27; interleukin-27; IL-22; IL-27; IL-17D;
Gene ID	53342
mRNA Refseq	NM_138284
Protein Refseq	NP_612141
MIM	607587
UniProt ID	Q8TAD2
Chromosome Location	13q11

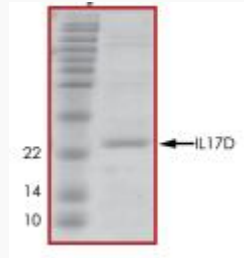
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Function

cytokine activity;



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