



Recombinant Human IL-17D

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-226
Size:	25 µg
Lot. No.:	According to product label

Scientific Background

Gene-ID (NCBI):	53342
Synonyms:	IL17D; IL27; IL-22; IL-27; IL-17D

IL-17D is a disulfide-linked homodimer of two 185 amino acid polypeptide chains. It belongs to the IL-17 family of structurally-related cytokines that share a highly conserved C-terminal region but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17D has the ability to stimulate the production of IL-6, IL-8, and GM-CSF and inhibits hemopoiesis of myeloid progenitor cells in colony forming assays. Recombinant human IL-17D is a 40.5 kDa disulfide-linked homodimer of two 185 amino acid polypeptide chains.

Sequence

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APRAGRPAR PRGCADRPEE LLEQLYGRLA AGVLSAFHHT  
LQLGPREQAR NASCPAGGRP ADRRFRPPTN LRSVSPWAYR  
ISYDPARYPR YLPEAYCLCR GCLTGLFGEE DVRFRSAPVY  
MPTVVLRRTF ACAGGRSVYT EAYVTIPVGC TCVPEPE KDA  
DSINSSIDKQ GAKLLLGPNL APAGP
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Database References

Protein RefSeq:	NP_612141.1
Uniprot ID:	Q8TDA2
mRNA RefSeq:	NM_138284

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Structural Information	disulphide-linked homodimer
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	185
MW:	40.5 kDa

Biological Activity: Testing in progress.



AVOID REPEATED FREEZE AND THAW CYCLES!