

IL-17D, Human Recombinant

CATALOG #:	7107-10	10 µg
	7107-50	50 µg
ALTERNATE NAMES:	IL-27	
SOURCE:	E.coli	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses	
MOL. WEIGHT:	40.5 kDa	
ENDOTOXIN LEVEL:	< 0.1 ng/µg of protein (<1EU/µg).	
FORM:	Lyophilized	
FORMULATION:	Sterile filtered through a 0.2 micron filter. Lyophilized from 1x PBS, pH 7.5.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

DESCRIPTION:

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.

AMINO ACID SEQUENCE:

APRAGRRPAR PRGCADRPEE LLEQLYGRLA AGVLSAFHHT LQLGPREQAR
NASCPAGGRP ADRRFRPPTN LRSVSPWAYR ISYDPARYPR YLPEAYCLCR
GCLTGLFGEE DVRFRSAPVY MPTVVLRRTP ACAGGRSVYT EAYVTIPVGC
TCVPEPEKDA DSINSSIDKQ GAKLLLGPNDA APAGP

RELATED PRODUCTS:

- IL-17A, mouse recombinant (Cat # 7105-10, -50)
- IL-17B, human recombinant (Cat # 7106-10, -50)
- Human Cell^{exp} Human Recombinant IL-17A (Cat # 6468-10, -50)
- Human Cell^{exp} Human Recombinant IL-17F (Cat # 6469-10, -50)
- IL-17, murine recombinant (Cat # 4177-10, -1000)
- IL-17A, human recombinant (Cat # 4176-25, -1000)
- IL-17A, rat recombinant (Cat # 4178-25, -1000)
- IL-17A/F, human recombinant (Cat # 4176AF-10, -50, -1000)
- IL-17E, human recombinant (Cat # 4176E-25, -1000)
- IL-17E, murine recombinant (Cat # 4177E-25, -100, -1000)
- IL-17E, rat recombinant (Cat # 4178E-25, -100, -1000)
- IL-17F, human recombinant (Cat # 4176F-25, -1000)
- IL-17F, murine recombinant (Cat # 4177F-25, -100, -1000)
- IL-17F, rat recombinant (Cat # 4178F-25, -100, -1000)
- IL-17 Antibody (Cat # 5176-200)

FOR RESEARCH USE ONLY! Not to be used in humans.