

Recombinant Human IL-17D (Interleukin-17D)

Product 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.

Typical Specifications

Species	Human
Expression	E. coli Cell Expressed
Purity	≥98%
Endotoxin	<1.0 EU/μg
Molecular Mass	40.5 kDa
Formulation	1x PBS, pH 7.2
Country of Origin	USA

Purity Confirmation

This was determined by SDS-PAGE gel and HPLC analysis.

AA Sequence

APRAGRPPAR	PRGCADRPEE	LLEQLYGRLA
AGVLSAFHHT	LQLGPREQAR	NASCPAGGRP
ADRRFRPPTN	LRSVSPWAYR	ISYDPARYPR
YLPEAYCLCR	GCLTGLFGEE	DVRFRSAPVY
MPTVVLRRTTP	ACAGGRSVYT	EAYVTIPVGC
TCVPEPEKDA	DSINSSIDKQ	GAKLLLGPND
APAGP		

Reconstitution Buffer

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. Do not vortex.

Storage

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% HSA) and store in working aliquots at -20°C to -80°C.

Limited Use and Restrictions

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