

Animal-Free IL-17D Protein, Human (His)

Cat. No.:	HY-P700106AF
Synonyms:	Interleukin-17D; IL-17D; IL17D
Species:	Human
Source:	E. coli
Accession:	Q8TAD2 (A18-P202)
Gene ID:	53342
Molecular Weight:	Approximately 21.00 kDa

PROPERTIES

AA Sequence	<pre> A P R A G R R P A R P R G C A D R P E E L L E Q L Y G R L A A G V L S A F H H T L Q L G P R E Q A R N A S C P A G G R P A D R R F R P P T N L R S V S P W A Y R I S Y D P A R Y P R Y L P E A Y C L C R G C L T G L F G E E D V R F R S A P V Y M P T V V L R R T P A C A G G R S V Y T E A Y V T I P V G C T C V P E P E K D A D S I N S S I D K Q G A K L L L G P N D A P A G P </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 8.0.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	IL-17D protein serves as a potent inducer, effectively triggering the expression of key inflammatory mediators such as IL6, CXCL8/IL8, and CSF2/GM-CSF from endothelial cells. This cytokine's ability to stimulate the production of pro-inflammatory signals underscores its significance in orchestrating immune responses, particularly within the context of endothelial cell activation. The induced expression of interleukins and chemokines suggests a crucial role for IL-17D in shaping the inflammatory milieu and contributing to the regulation of immune and inflammatory processes mediated by endothelial cells.
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Caution: Product has not been fully validated for medical applications. For research use only.

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