

Datasheet for ABIN7583230

IL17C Protein (AA 19-197) (Biotin,His-Avi Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL17C
Protein Characteristics:	AA 19-197
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17C protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Biotinylated Human IL-17C Protein
Sequence:	His19-Val197
Characteristics:	Recombinant Biotinylated Human IL-17C Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains His19-Val197.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL17C
Alternative Name:	IL-17C (IL17C Products)

Target Details

Background:	Interleukin-17C (IL-17C) is a 15-20 kDa glycosylated cytokine that plays an important role in mucosal immunity and chronic inflammation. The six IL-17 cytokines (IL-17A-F) are encoded by separate genes but adopt a conserved cystine knot fold. IL-17C is Cytokine that plays a crucial role in innate immunity of the epithelium, including to intestinal bacterial pathogens, in an autocrine manner. Stimulates the production of antibacterial peptides and proinflammatory molecules for host defense by signaling through the NF-kappa-B and MAPK pathways. Acts synergically with IL22 in inducing the expression of antibacterial peptides, including S100A8, S100A9, REG3A and REG3G.
Molecular Weight:	22.6 kDa. Due to glycosylation, the protein migrates to 25-28 kDa based on Tris-Bis PAGE result.
UniProt:	Q9P0M4
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in 50 mM MES, 150 mM NaCl (pH 6.0).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months