

Datasheet for ABIN6952297

IL17C Protein (AA 19-197) (His tag)**2** Images[Go to Product page](#)

Overview

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

Product Details

Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	IL17C
Alternative Name:	IL-17C (IL17C Products)
Background:	Interleukin-17C(IL-17C) is a glycosylated cytokine that plays an important role in mucosal immunity and chronic inflammation. IL-17C binds to IL-17 RE with high affinity and to IL-17 RA with low affinity, binds to a heterodimer formed by IL17RA and IL17RE. Enhanced IL17C/IL17RE signaling may also lead to greater susceptibility to autoimmune diseases. Stimulates the production of antibacterial peptides and proinflammatory molecules for host defense by

Target Details

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. Synergy is also observed with TNF and IL1B in inducing DEFB2 from keratinocytes.

Molecular Weight: 21.6 kDa

NCBI Accession: [NP_037410](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Restrictions: For Research Use only

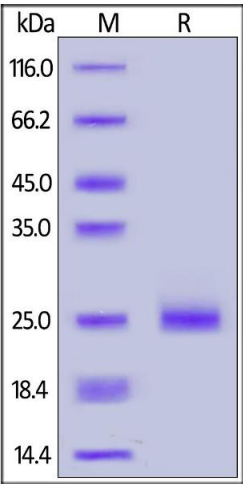
Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

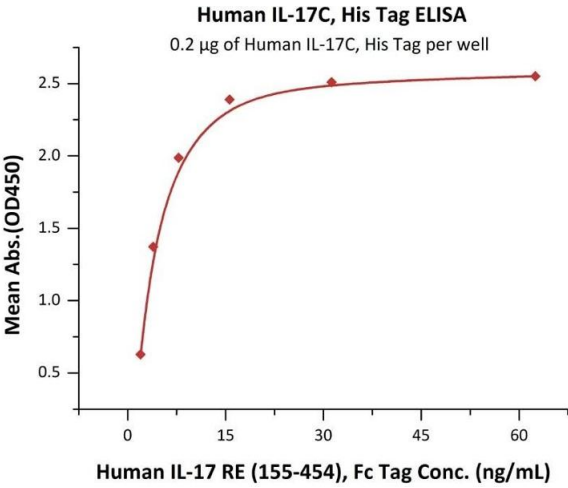
Storage: -20 °C

Images



SDS-PAGE

Image 1. Human IL-17C, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

Image 2. Immobilized Human IL-17C, His Tag (ABIN6950977,ABIN6952297) at 2 µg/mL (100 µL/well) can bind Human IL-17 RE (155-454), Fc Tag (ABIN6938940,ABIN6950995) with a linear range of 0.2-8 ng/mL (QC tested).