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Datasheet for ABIN7194048 IL17C Protein (His tag)

Overview

Quantity:	100 µg
Target:	IL17C
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17C protein is labelled with His tag.

Product Details

Purpose:	Mouse IL-17C Protein, His Tag
Sequence:	Asp 17 - Gln 194
Characteristics:	Mouse IL-17C, His Tag is expressed from human 293 cells (HEK293). It contains AA Asp 17 - Gln 194 (Accession # Q8K4C5-1).
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:	Synonyms: IL-17C,Cytokine CX2,IL17C, Description: 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

Target Details

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 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: 21.7 kDa

NCBI Accession: [NP_665833](#)

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

Application Details

Application Notes: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 21.7 kDa. The protein migrates as 25-27 kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, 0.5 M Arginine, pH 7.4

Storage: -20 °C

Storage Comment: For long term storage, the product should be stored at lyophilized state at -20°C or lower.