

## Product Datasheet

### IL-17C Protein, Human, Recombinant (His & Avi) (orb1960792)

<b>Description</b>	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.
<b>Storage</b>	-20°C
<b>Tag</b>	C-His-Avi
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstitute the lyophilized protein in 50mM MES, 150mM NaCl (PH 6.0). The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
<b>Purity</b>	98.00%
<b>MW</b>	22.6 kDa (predicted). Due to glycosylation, the protein migrates to 25 kDa based on Tris-Bis PAGE result.
<b>Uniprot ID</b>	<b>Q9P0M4</b>
<b>Expiration Date</b>	6 months from date of receipt.

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