# Recombinant Human IL-17A

**Catalog Number: OM770196**

## Characteristics:

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| **Source** | Chinese Hamster Ovary cell line |
| **Description** | Human IL-17A(Ile20-Ala155)<br>Accession #Q16552 |
| **Predicted molecular mass** | 15.5kDa |

## Specification:

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| **Appearance** | White powder,colorless clear liquid after reconstitution |
| **Purity** | ≥95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining) |
| **Endotoxin** | ≤10 EU/mg by the LAL method |
| **Activity** | Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells. The $ED_{50}$ for this effect is < 10 ng/mL. |
| **Formulation** | Lyophilized from a 0.22 μm-filtered solution containing PBS,5% Mannitol,0.01% Tween 80，pH7.4 |

## Handling and Storage:

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| **Reconstitution** | It is recommended to redissolve in sterile deionized water. |
| **Shipping** | The product is shipped with blue ice |
| **Storage & Stability** | 36 months at -20°C to -80°C in lyophilized state<br>6 months at -20°C to -80°C under sterile conditions after reconstitution<br>7-10 days at 2°C to 8°C under sterile conditions after reconstitution<br>**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** |