

# Human IL-17RE Protein

Cat. No. IL1-HM2RE

## Description

<b>Source</b>	Recombinant Human IL-17RE Protein is expressed from HEK293 with hFc tag at the C-terminus. It contains Thr155-His454.
<b>Accession</b>	Q8NFR9-1
<b>Molecular Weight</b>	The protein has a predicted MW of 60.02 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

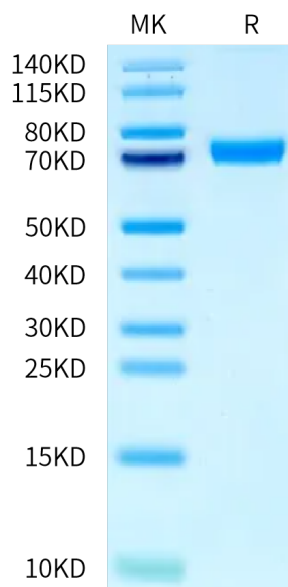
<b>Formulation</b>	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

IL-17RE is an orphan receptor of the IL-17 receptor family. It is a receptor specific to IL-17C and has an essential role in host mucosal defense against infection. IL-17RE is also identified as a receptor of IL-17C that regulates early innate immunity to intestinal pathogens.

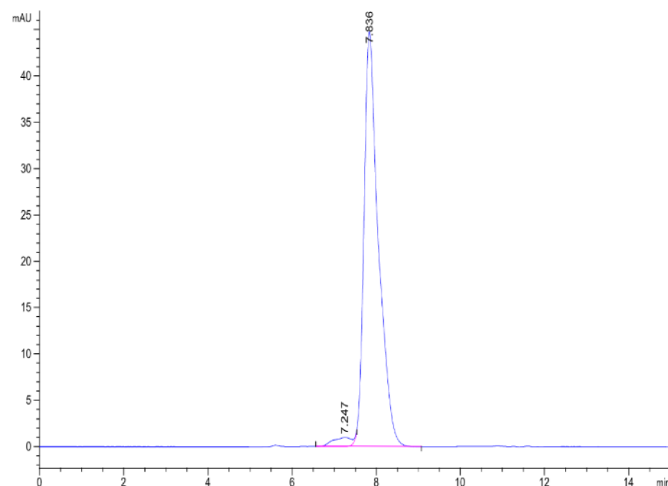
## Assay Data

### Bis-Tris PAGE



Human IL-17RE on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



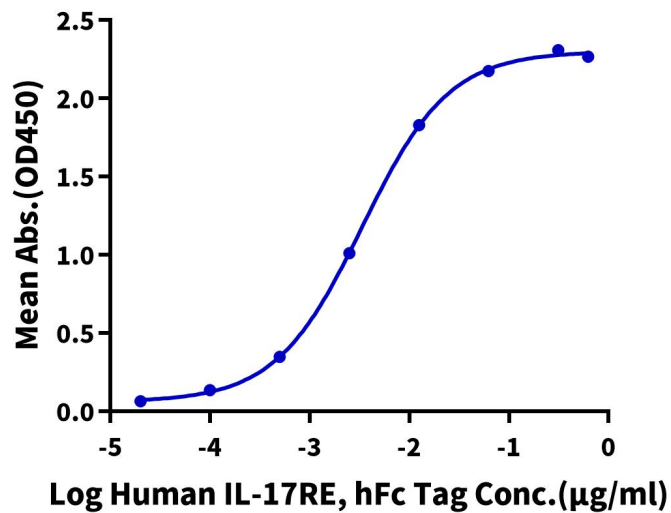
The purity of Human IL-17RE is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

**Human IL-17RE, hFc Tag ELISA**

0.1  $\mu$ g Human IL-17C, His Tag Per Well



Immobilized Human IL-17C, His Tag at 1  $\mu$ g/ml (100  $\mu$ l/well) on the plate. Dose response curve for Human IL-17RE, hFc Tag with the EC50 of 3.4ng/ml determined by ELISA (QC Test).