# Human IL-25 (Fc Tag) recombinant protein

Catalog Number: 501585



# **General Information**

# **Gene Name Synonym**

Interleukin-17E

#### **Protein Construction**

A DNA sequence encoding the mature form of human IL25 (Tyr 33-Gly177) (NP\_073626.1) was fused with the Fc region of human IgG1 at the N-terminus via a polypeptide linker.

# **Organism**

Human

# **Expression Host**

**Human Cells** 

# QC Testing

# **Activity**

Measured by its binding ability in a functional ELISA.

Immobilized human IL17BR-His (Cat:503945) at 10  $\mu$ g/ml (100  $\mu$ l/well) can bind human Fc-IL25 (Cat:501585), The EC<sub>50</sub> of human Fc-IL25 (Cat:501585) is 1.7-4.2  $\mu$ g/ml.

#### **Purity**

> 95 % as determined by SDS-PAGE

### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

### **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

# Predicted N terminal

#### Glu 20

#### **Molecular Mass**

The recombinant human IL25/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 403 amino acids and predicts a molecular mass of 45 KDa. As a result of glycosylation, the apparent molecular mass of rh IL25/Fc monomer is approximately 50-60 KDa in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4

- 1.5% trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

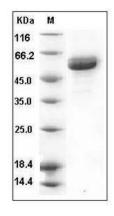
#### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human IL25 Protein (Fc Tag) SDS-PAGE