# Rat IL13RA1/IL-13RA1 (Fc Tag) recombinant protein

Catalog Number: 500839

# **General Information**

## Gene Name Synonym

Interleukin 13 receptor, alpha 1, isoform CRA\_b; Protein Il13ra1

# **Protein Construction**

A DNA sequence encoding the rat IL13RA1 (Q561K3) (Met1-Thr342) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

#### Organism

Rat

# **Expression Host**

Human Cells

# **QC Testing**

#### Purity

> 90 % 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  $^\circ \rm C$ 

# **Predicted N terminal**

Thr 27

#### **Molecular Mass**

The recombinant rat IL13RA1/Fc is a disulfidelinked homodimer. The reduced monomer comprises 557 amino acids and has a predicted molecular mass of 62.9 kDa. The apparent molecular mass of the protein is approximately 91 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.41. 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**

KDa	М
116	
66.2	
45.0	- Faire
35.0	-
25.0	
18.4	
14.4	same .

#### Rat IL13RA1 Protein (Fc Tag) SDS-PAGE

