# Rat EDAR/Ectodysplasin A Receptor (Fc Tag) recombinant protein

Catalog Number: 502866

### **General Information**

#### **Protein Construction**

A DNA sequence encoding the rat EDAR (NP\_001178828.1) extracellular domain (Met 1-Ala 187) was fused with the Fc region of human IgG1 at the C-terminus.

#### Organism

Rat

#### **Expression Host**

Human Cells

# **QC Testing**

#### 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 27

#### **Molecular Mass**

The secreted recombinant rat EDAR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 402 amino acids and predicts

a molecular mass of 44.4 kDa. The apparent molecular mass of the ratEDAR/Fc monomer is approximately 60-70 kDa in SDS-PAGE under reducing conditions due to glycosylation.

#### 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**

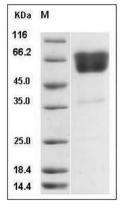
#### Storage

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**



Rat EDAR Protein (Fc Tag) SDS-PAGE

