

General Information

Gene Name Synonym

Protein Il7r

Protein Construction

A DNA sequence encoding the rat IL7R (D4A3X8) (Met1-Asp239) was fused with Fc region of mouse IgG at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind rat IL7 (Cat:502444) in a functional ELISA.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg 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 21

Molecular Mass

The recombinant rat IL7R/mFc comprises 453 amino acids and has a predicted molecular mass of 51.4 kDa. The apparent molecular mass of the protein is approximately 65 in SDS-PAGE under reducing conditions due to glycosylation.

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

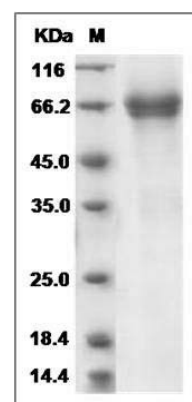
Storage

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



Rat IL7R / IL7RA Protein (Fc Tag) SDS-PAGE