

Human SIGIRR/TIR8 (Fc Tag) recombinant protein



Catalog Number: 504153

General Information

Gene Name Synonym

Single Ig IL-1R-related molecule; Single immunoglobulin domain-containing IL1R-related protein; Toll/interleukin-1 receptor 8

Protein Construction

A DNA sequence encoding the human SIGIRR (Q6IA17-1) (Met1-His118) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

(96.8+1.6) % 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

Met

Molecular Mass

The recombinant human SIGIRR/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 359 amino acids and has a predicted molecular mass of 39.5 kDa. The apparent molecular mass of the protein is approximately 47-54 and 33 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

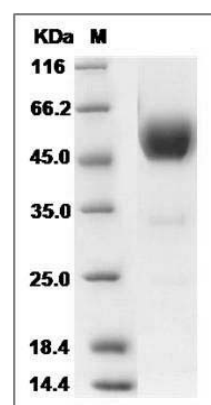
Storage

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 SIGIRR / TIR8 Protein (Fc Tag) SDS-PAGE