

Human SIGIRR/TIR8 (His Tag) recombinant protein



Catalog Number: 500058

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) extracellular domain (Met 1-His 118) was expressed, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

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

Met 1

Molecular Mass

The recombinant human SIGIRR consists of 129 amino acids and has a predicted molecular mass of 14 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhSIGIRR is approximately 25-35 kDa 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

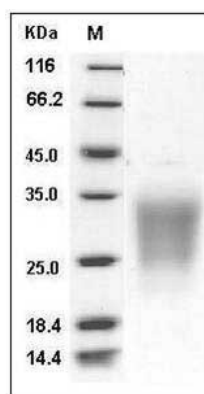
Storage

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



Human SIGIRR / TIR8 Protein (His Tag) SDS-PAGE