Human CD93/C1qR (Fc Tag) recombinant protein

Catalog Number: 503865

General Information

Gene Name Synonym

C1q/MBL/SPA receptor; CDw93; Complement component 1 q subcomponent receptor 1; Matrix-remodeling-associated protein 4

Protein Construction

A DNA sequence encoding the human CD93 (Q9NPY3) extracellular domain (Met 1-Lys 580) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 85 % 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℃

Predicted N terminal

Thr 22

Molecular Mass

The recombinant human CD93/Fc is a disulfide-linked homodimer. The reduced monomer consists of 800 amino acids after removal the signal peptide and has a predicted molecular mass of 85.2 kDa. As a result of glycosylation, rh CD93/Fc monomer migrates as an approximately 125 kDa band 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

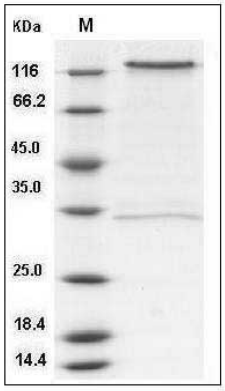
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 CD93 / C1QR1 Protein (Fc Tag) SDS-PAGE