

Human CD28 (Fc Tag) recombinant protein



Catalog Number: 502946

General Information

Gene Name Synonym

TP44

Protein Construction

A DNA sequence encoding the human CD28 isoform 1 (P10747-1) extracellular domain (Met 1-Pro 152) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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

Asn 19

Molecular Mass

The recombinant human CD28/Fc is a disulfide-

linked homodimeric protein. The reduced monomer consists of 375 amino acids and predicts a molecular mass of 42 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD28/Fc monomer is approximately 55-65 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

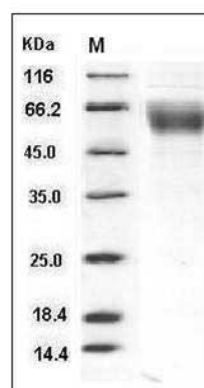
Storage

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 CD28 Protein (Fc Tag) SDS-PAGE