Human CD69 / CLEC2C (His Tag) recombinant protein

Catalog Number: 502333

General Information

Gene Name Synonym

Activation inducer molecule; BL-AC/P26; C-type lectin domain family 2 member C; EA1; Early T-cell activation antigen p60; GP32/28; Leukocyte surface antigen Leu-23; MLR-3

Protein Construction

A DNA sequence encoding the human CD69 (NP_001772.1) extracellular domain (Ser 62-Lys 199) was fused with a signal peptide at the N-terminus and a polyhistidine tag 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℃

Predicted N terminal

Ser 62

Molecular Mass

The secreted recombinant human CD69 comprises 149 amino acids with a predicted molecular mass of 17.4 kDa. CD69 exists as a disulfide-linked homodimeric protein and migrates as an approximately 40 kDa band in SDS-PAGE under non-reduced 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

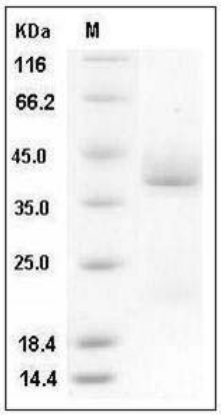
Storage

Store it under sterile conditions at -20℃ 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 CD69 Protein (His Tag) SDS-PAGE