

Human CD9 (His Tag) recombinant protein



Catalog Number: 502694

General Information

Gene Name Synonym

5H9 antigen; Cell growth-inhibiting gene 2 protein; Leukocyte antigen MIC3; Motility-related protein; Tetraspanin-29; p24

Protein Construction

A DNA sequence encoding the second extracellular domain (Ser 112-Ile 195) of human CD9 (NP_001760.1) was 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

Ser 112

Molecular Mass

The recombinant human CD9 consists of 95 amino acids and predicts a molecular mass of 11 kDa as estimated 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

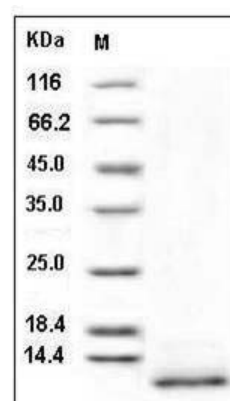
Store it under sterile conditions at -20°C to -80°C .

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 CD9 / Tspan-29 Protein (His Tag) SDS-PAGE