

Human CD39 (His Tag) recombinant protein



Catalog Number: 501804

General Information

Gene Name Synonym

Ecto-ATP diphosphohydrolase 1; Ecto-apyrase;
Lymphoid cell activation antigen

Protein Construction

A DNA sequence encoding the human ENTPD1 (NP_001767.3) (Thr38-Val478) was expressed with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg 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

Thr 38

Molecular Mass

The recombinant human ENTPD1 consists 452 amino acids and predicts a molecular mass of 51.8 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.1.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

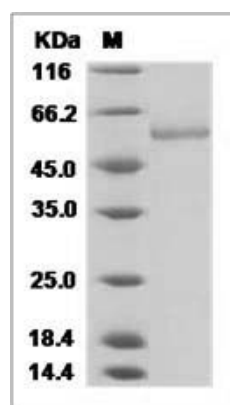
Storage

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



ENTPD1 protein SDS-PAGE