

Human dehydropeptidase-I / DPEP1 (His Tag) recombinant protein



Catalog Number: 501005

General Information

Gene Name Synonym

Dehydropeptidase-I; Microsomal dipeptidase;
Renal dipeptidase

Protein Construction

A DNA sequence encoding the human DPEP1 (P16444) (Met1-Ser385) was expressed with a polyhistidine tag at the C-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

Asp 17

Molecular Mass

The recombinant human DPEP1 consists of 380 amino acids and predicts a molecular mass of 42.5 KDa. It migrates as an approximately 44-47 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

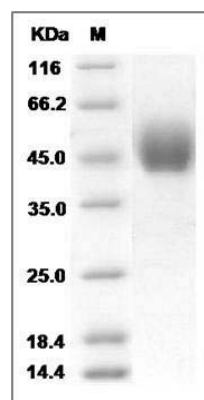
Storage

Store it under sterile conditions at -20°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 Dehydropeptidase-I / DPEP1 Protein (His Tag) SDS-PAGE