

Rat CD10/Neprilysin (His Tag) recombinant protein



Catalog Number: 501165

General Information

Gene Name Synonym

Atriopeptidase; Enkephalinase; Neutral endopeptidase 24.11; Skin fibroblast elastase

Protein Construction

A DNA sequence encoding the rat MME (P07861) (Tyr52-Trp750) was expressed with a polyhistidine tag at the N-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

His

Molecular Mass

The recombinant rat MME comprises 719 amino acids and has a predicted molecular mass of 82.5 kDa. The apparent molecular mass of the protein is approximately 93 kDa 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

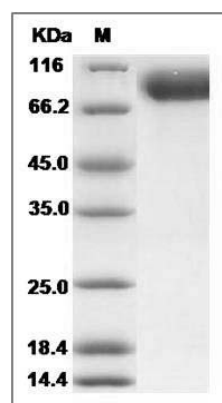
Storage

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



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SDS-PAGE