

Human PCSK1 (His Tag) recombinant protein



Catalog Number: 500759

General Information

Gene Name Synonym

Prohormone convertase 1; Proprotein convertase 1

Protein Construction

A DNA sequence encoding the human PCSK1 (NP_000430.3) (Met 1-Arg 617) was fused 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

Ser 111

Molecular Mass

The purified recombinant human PCSK1 consists of 518 amino acids after removal of the pro peptide due to autocatalytic processing,

corresponding to the active form (aa 111-617), and has a predicted molecular mass of 57.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the active rh PCSK1 is approximately 66 kDa due to glycosylation.

Formulation

Lyophilized from sterile 25mM Tris, 150mM NaCl, pH 7.5

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

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

Usage Guide

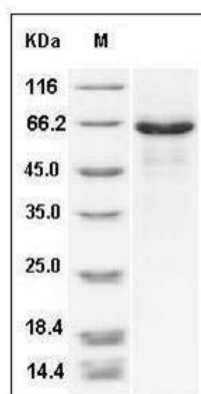
Storage

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 PCSK1 / NEC1 Protein (His Tag) SDS-PAGE