

# Human Layilin / LAYN (His Tag) recombinant protein



Catalog Number: 503148

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Glu 220) of human Layilin (NP\_849156.1) precursor was expressed with a C-terminal poluhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ala 22

### Molecular Mass

The recombinant human Layilin consists of 216 amino acids and predicts a molecular mass of 24.2 kDa. As a result of glycosylation, the recombinant

Layilin migrates as an approximately 34 kDa protein in SDS-PAGE.

### Formulation

Lyophilized from sterile PBS, pH 7.2

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

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

## Usage Guide

### Storage

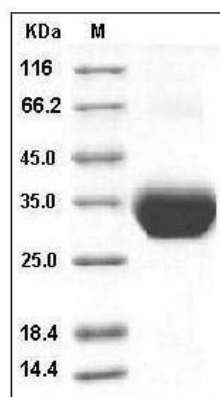
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 Layilin / LAYN Protein (His Tag) SDS-PAGE