

# Human Layilin / LAYN (Fc Tag) recombinant protein



Catalog Number: 500097

## 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 the C-terminal fused Fc region of human IgG1.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % 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

Ala 22

### Molecular Mass

The recombinant human LAYN/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 437 amino acids and predicts

a molecular mass of 49.5 kDa. As a result of glycosylation, the rhLAYN/Fc monomer migrates as an approximately 60-65 kDa protein in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, 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

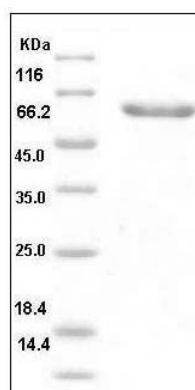
### Storage

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 Layilin / LAYN Protein (Fc Tag) SDS-PAGE