

# Human Flavokinase / RFK (His Tag) recombinant protein



Catalog Number: 501825

## General Information

### Gene Name Synonym

ATP:riboflavin 5'-phosphotransferase; Flavokinase

### Protein Construction

A DNA sequence encoding the mature form of human RFK (Q969G6) (Met1-His155) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Kinase activity untested

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

His

### Molecular Mass

The recombinant human RFK consists of 170 amino acids and predicts a molecular mass of 19.5 KDa. It migrates as an approximately 20 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Supplied as sterile 20mM Tris, 10% glycerol, pH 8.0

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

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

## Usage Guide

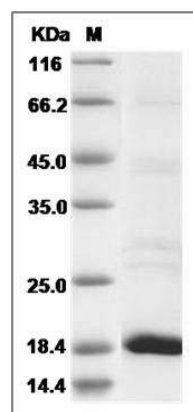
### Storage

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 Flavokinase / RFK Protein (His Tag) SDS-PAGE