

# Mouse FOLR1 / Folate Receptor 1 (His Tag) recombinant protein



Catalog Number: 501449

## General Information

### Gene Name Synonym

Folate receptor 1; Folate-binding protein 1

### Protein Construction

A DNA sequence encoding the mouse FOLR1 (NP\_032060.2) (Met 1-Met 231) without the pro peptide was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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

Thr 25

### Molecular Mass

The recombinant mouse FOLR1 consists of 218

amino acids and has a predicted molecular mass of 25.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmFOLR1 is approximately 33-37 kDa due to glycosylation.

### 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

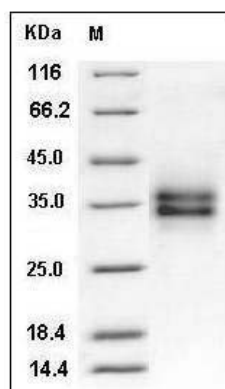
Store it under sterile conditions at -20°C to -80°C.

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



Mouse FOLR1 / FR-alpha Protein (His Tag) SDS-PAGE