

## Mouse FOLR1, His Tag, CHO

|                |  |
|----------------|--|
| Catalog Number | LDG026PMM                                  |
| Package        | 5 µg / 20 µg / 100 µg / Customized package |

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Mouse

#### Affinity Tag

His Tag (C-term)

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

#### Form

Lyophilized

#### Expression system

CHO

#### Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Molecular weight

The protein has a calculated MW of 25.08 kDa.  
The protein migrates as 30-40 kDa under reducing condition (SDS-PAGE analysis).

#### Mycoplasma

Not detected

### Background

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### Background

FOLR1 (Folate Receptor Alpha) protein is a cell surface receptor that binds to and internalizes folate (vitamin B9). It plays a crucial role in folate metabolism and cellular uptake of folate, essential for DNA synthesis, repair, and methylation. FOLR1 is highly expressed in various cancers, including ovarian, lung, and breast cancer, making it a potential therapeutic target for cancer treatment. Additionally, FOLR1-targeted imaging and drug delivery systems show promise in cancer diagnosis and therapy. Understanding FOLR1's functions in folate homeostasis and cancer biology is essential for developing targeted therapies and diagnostic tools for folate-related disorders and cancers.

### Uniprot ID

P35846

### Synonyms

Folate receptor alpha, FR-alpha, Folate receptor 1, Folate-binding protein 1

### Sequence Note

Met1-Ser232

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

### Stability & Storage

This product is stable after storage at:

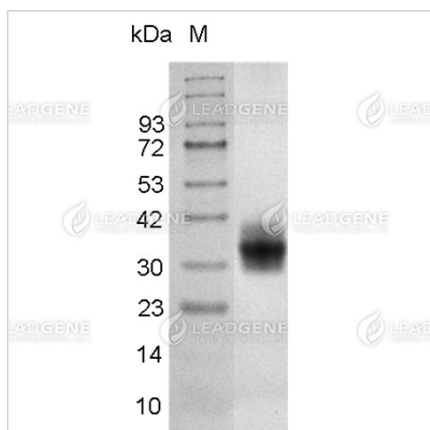
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

### Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

## Image



SDS-PAGE analysis of recombinant mouse FOLR1.

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