

Mouse FOLR1, His Tag, CHO

Catalog Number LDG026PMM

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.

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).

Form

Lyophilized

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 H₂O to a concentration not less than 0.2 mg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

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

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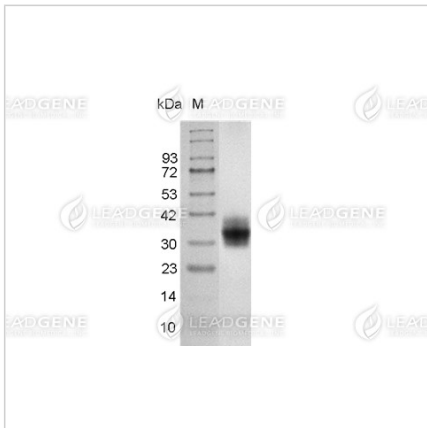
Stability & Storage

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.

Image



SDS-PAGE analysis of recombinant mouse FOLR1.

Disclaimer : For Research Use or Further Manufacturing Only.

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