

## Active Recombinant Human FOLR3, His-tagged

**Cat. No.** FOLR3-622H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human FOLR3 (Accession # NP_000795) Ala22-Ser245 & Ser26-Ser245, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.                                                                                     |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                     |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>        | 22-245;26-245 a.a.                                                                                                                                                                                                                                        |
| <b>Predicted N Terminal</b> | Ala22 & Ser26                                                                                                                                                                                                                                             |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                                                                                        |
| <b>Bio-activity</b>         | Measured by its binding ability in a functional ELISA. When Folic Acid - Bovine Serum Albumin is coated at 5 µg/mL (100 µL/well), the concentration of rhFOLR-3 that produces 50% of the optimal binding response is found to be approximately 0.2 -1 nM. |
| <b>Molecular Mass</b>       | Recombinant Human FOLR3, His-tagged has a calculated MW of 26 kDa. In SDS-PAGE migrates as 30-40 kDa, reducing conditions.                                                                                                                                |
| <b>Purity</b>               | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                               |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In                                                                                                                                                                     |

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | PPP3CA protein phosphatase 3, catalytic subunit, alpha isozyme [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Official Symbol</b>     | PPP3CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>            | PPP3CA; protein phosphatase 3, catalytic subunit, alpha isozyme; CALN, CALNA, protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform , protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha); serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; calcineurin A alpha; CNA1; PPP2B; protein phosphatase 2B; catalytic subunit; alpha isoform; CAM-PRP catalytic subunit; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform; CALN; CCN1; CALNA; CALNA1; |
| <b>Gene ID</b>             | 5530                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | NM_000944                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>      | NP_000935                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>                 | 114105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>          | Q08209                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Chromosome Location</b> | 4q24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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