

## Active Recombinant Human FOLR2 protein, His-tagged

Cat. No. FOLR2-2244H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human FOLR2 protein(P14207)(Thr17-Met228) is expressed from HEK293 with His tag at the C-Terminus.                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 17-228 aa                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                                       |
| <b>Bio-activity</b>     | Immobilized Human FOLR2, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-FOLR2 Antibody, hFc Tag with the EC50 of 4.1ng/ml determined by ELISA.                                                      |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 25.5 kDa. Due to glycosylation, the protein migrates to 30-38 kDa based on Bis-Tris PAGE result.                                                                                               |
| <b>Endotoxin</b>        | Less than 1 EU per µg by the LAL method.                                                                                                                                                                                         |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                                                                 |
| <b>Storage</b>          | Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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|-------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b>         | Dissolve the lyophilized protein in distilled water.                                                          |
| <b>protein Refseq-Weblink</b> | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_000794.3">http://www.ncbi.nlm.nih.gov/protein/NP_000794.3</a> |
| <b>Unit ID</b>                | P14207                                                                                                        |
| <b>Unit ID-Weblink</b>        | <a href="https://www.uniprot.org/uniprotkb/P14207">https://www.uniprot.org/uniprotkb/P14207</a>               |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FOLR2 folate receptor 2 (fetal) [ Homo sapiens ]                                                                                                                                                                                     |
| <b>Official Symbol</b> | FOLR2                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | FOLR2; folate receptor 2 (fetal); folate receptor beta; FBP; folate receptor, beta; folate receptor, fetal/placental; placental folate-binding protein; folate-binding protein, fetal/placental; FR-P3; FR-BETA; BETA-HFR; FBP/PL-1; |
| <b>Gene ID</b>         | 2350                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_000803                                                                                                                                                                                                                            |
| <b>protein Refseq</b>  | NP_000794                                                                                                                                                                                                                            |
| <b>MIM</b>             | 136425                                                                                                                                                                                                                               |

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