

## Recombinant Human FOLR3 Protein, GST-tagged

**Cat. No.** FOLR3-4422H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FOLR3 full-length ORF ( AAI48786.1, 1 a.a. - 245 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | This gene encodes a member of the folate receptor (FOLR) family, members of which have a high affinity for folic acid and for several reduced folic acid derivatives, and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This gene includes two polymorphic variants; the shorter one has two base deletion in the CDS, resulting in a truncated polypeptide, compared to the longer one. Both protein products are constitutively secreted in hematopoietic tissues and are potential serum marker for certain hematopoietic malignancies. The longer protein has a 71% and 79% sequence homology with the FOLR1 and FOLR2 proteins, respectively. [provided by RefSeq] |
| <b>Molecular Mass</b>   | 53.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MDMAWQMMQLLLLALVTAAGSAQPR SARARTDLLNVC MNAKHHKTQPSPEDELYG<br>QCSPWKKNACCTASTSQELHKDTSRLYNFNWDHCGKMEPTCKRHF IQDSCLYECS<br>PNLGPWIRQVNQSWRKERILNVPLCKEDCERWWEDCRTSYTCKSNWHKGWNWT<br>SGINECPAGALCSTFESYFPTPAALCEGLWSHSFKVSNYSRSGRGIQMWFD SAQ<br>GNPNEEVAKFYAAAMNAGAPSRGIIDS                                                                                                                                                                                                                                                                                                                                                                                                                         |

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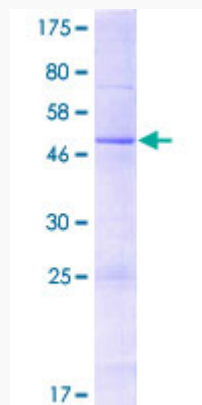
|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |
| <b>GENE INFORMATION</b> |                                                                                                                   |
| <b>Gene Name</b>        | FOLR3 folate receptor 3 (gamma) [ Homo sapiens ]                                                                  |
| <b>Official Symbol</b>  | FOLR3                                                                                                             |
| <b>Synonyms</b>         | FOLR3; folate receptor 3 (gamma); folate receptor gamma; FR G; FR-G; FR-gamma; gamma-hFR;                         |
| <b>Gene ID</b>          | 2352                                                                                                              |
| <b>mRNA Refseq</b>      | NM_000804                                                                                                         |
| <b>Protein Refseq</b>   | NP_000795                                                                                                         |
| <b>MIM</b>              | 602469                                                                                                            |
| <b>UniProt ID</b>       | P41439                                                                                                            |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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