



# Recombinant Human Folate receptor alpha (FOLR1)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP008784HU  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P15328  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | RIAWAR TELLNVC MNA KHHKEKPGPE DKLHEQCRPW RKNACCSTNT<br>SQAHKDVS Y LYRFNWNHCG EMAPACKRHF IQDTCLYECS PNLGPWIIQQV<br>DQSWRKERVL NVPLCKEDCE QWWEDCRTSY TCKSNWHKGW<br>NWTSGFNKCA VGAACQPFHF YFPTPTVLCN EIWTHSYKVS NYSRGSGRCI<br>QMWFDP AQGN PNEEVARFYA AAMS  |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | FOLR1   |
| <b>Protein Names</b>     | Recommended name: Folate receptor alpha Short name= FR-alpha Alternative name(s): Adult folate-binding protein Short name= FBP Folate receptor 1 Folate receptor, adult KB cells FBP Ovarian tumor-associated antigen MOv   |
| <b>Expression Region</b> | 25-234  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This protein is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.   |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  |



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.