



# Recombinant Human Folate receptor beta (FOLR2)

<b>Product Code</b>	CSB-EP008786HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P14207
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	TMCS AQDRTDLLNV CMDAKHHKTK PGPEDKLHDQ CSPWKKNACC TASTSQELHK DTSRLYNFNW DHCGKMEPAC KRHFQDTCLE YECSPNLGPW IQQVNQSWRK ERFLDVPLCK EDCQRWWEDC HTSHTCKSNW HRGWDWTSGV NKCPAGALCR TFESYFPTPA ALCEGLWSHS YKVSNYSRGS GRCIQMWFDG AQGNPNEEVA RFYAAAMHVN
<b>Source</b>	E.coli
<b>Target Names</b>	FOLR2
<b>Protein Names</b>	Recommended name: Folate receptor beta Short name= FR-beta Alternative name(s): Folate receptor 2 Folate receptor, fetal/placental Placental folate-binding protein Short name= FBP
<b>Expression Region</b>	17-230
<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 (FOLR) family, and these genes exist in a cluster on chromosome 11. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. Although this protein was originally thought to be specific to placenta, it can also exist in other tissues, and it may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients. Multiple transcript variants that encode 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.



## Shelf Life

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.