Recombinant Human Folate receptor beta (FOLR2)

Product Code	CSB-EP008786HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P14207
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	TMCS AQDRTDLLNV CMDAKHHKTK PGPEDKLHDQ CSPWKKNACC TASTSQELHK DTSRLYNFNW DHCGKMEPAC KRHFIQDTCL YECSPNLGPW IQQVNQSWRK ERFLDVPLCK EDCQRWWEDC HTSHTCKSNW HRGWDWTSGV NKCPAGALCR TFESYFPTPA ALCEGLWSHS YKVSNYSRGS GRCIQMWFDS AQGNPNEEVA RFYAAAMHVN
Source	E.coli
Target Names	FOLR2
Protein Names	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
Expression Region	17-230
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.