



Recombinant Rat Folliculin (Flcn)

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|--------------------------|---|
| Product Code | CSB-EP008711RA |
| Abbreviation | Flcn |
| Storage | 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. |
| Uniprot No. | Q76JQ2 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MNAIVALCHF CELHGPRTL F CTEVLHAPLP QGAGSGDSPG QVEQAE EEEEG GIQMSSRVRA HSPAEGASTD SSSPGPKKSD MCEGCRSLAV GHPGYISHDK ETSIKYVSHQ HPNHPQLFSI VRQACVRSL S CEVCPGREGP IFFGDEQHGF VFSHTFFIKD SLARGFQRWY SIIAIMMDRI YLINSWPFL L GKIRGIISEL QGKALKVFEA EQFGCPQRAQ RMNTAFTPFL HQRNGNAARS LTSLTSDDNL WACLHTSFAW LLKACGSRLT EKLLGAPTE DTLVQMEKLA DLEEESESWD NSEAE EEEKA PATAEGA EGR ELASCPT ESS FLSACGSWQP PKLSVFKSLR HMRQVLGAPS FRMLAWHVLM GNQVIWKS RD VNLVHSAFEV LRTMLPVGCV RIIPYSSQYE EAYRCN FLGL SPPVPIPAHV LASEFVVVVE VHTATRSNPH PAGCEDDQSL SKYEFVVTSG SPVAADRVGP TILNKME AAL TNQNLSVDVV DQCLVCLKEE WMNKVKVLFK FTKVDSRPKE DTQKLLSVLG ASEEDNVKLL KFWMTGLSKT YKSHLMSTVR SPTAAESRN |
| Source | E.coli |
| Target Names | Flcn |
| Protein Names | Recommended name: Folliculin Alternative name(s): Birt-Hogg-Dube syndrome protein homolog |
| Expression Region | 1-579 |
| 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 protein |
| Target Details | This gene is located within the Smith-Magenis syndrome region on chromosome 17. Mutations in this gene are associated with Birt-Hogg-Dube syndrome, which is characterized by fibrofolliculomas, renal tumors, lung cysts, and pneumothorax. Alternative splicing of this gene results in two transcript variants encoding different isoforms. |
| 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

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