



# Recombinant Rat Fibroblast growth factor 20 (Fgf20)

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| <b>Product Code</b>      | CSB-BP008626RA   |
| <b>Abbreviation</b>      | Fgf20  |
| <b>Storage</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.  |
| <b>Uniprot No.</b>       | Q9EST9   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MAPLTEVGAF LGGLEGLGQQ VGSHFLLPPA GERPPLLGER RGALERGARG<br>GPGSVELAHL HGILRRRQLY CRTGFHLQIL PDGSVQGTRQ DHSFLGILEF<br>ISVAVGLVSI RGVDSGLYLG MNGKGELYGS EKL TSECIFR EQFEENWYNT<br>YSSNIYKHGD TGRRYFVALN KDGTPRDGAR SKRHQKFTHF LPRPVDPERV<br>PELYKDLLVY TG   |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | Fgf20  |
| <b>Protein Names</b>     | Recommended name: Fibroblast growth factor 20 Short name= FGF-20   |
| <b>Expression Region</b> | 1-212  |
| <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 protein  |
| <b>Target Details</b>    | This protein is a member of the fibroblast growth factor family. The fibroblast growth factors possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene product is a secreted neurotrophic factor but lacks a typical signal peptide. It is expressed in normal brain, particularly the cerebellum, and may regulate central nervous system development and function. Homodimerization of this protein was shown to regulate its receptor binding activity and concentration gradient in the extracellular matrix. Genetic variations of this gene have been associated with Parkinson disease susceptibility. |
| <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.

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**Shelf Life**

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