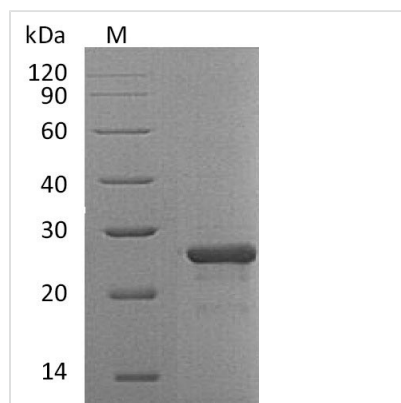




# Recombinant Human Fibroblast growth factor 19 (FGF19), partial (Active)

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-AP003911HU  |
| <b>Uniprot No.</b>         | O95750  |
| <b>Form</b>                | Lyophilized powder  |
| <b>Storage Buffer</b>      | Lyophilized from a 0.2 $\mu$ m filtered 20 mM PB, 150 mM NaCl, pH 7.4   |
| <b>Product Type</b>        | Growth Factor   |
| <b>Immunogen Species</b>   | Homo sapiens (Human)  |
| <b>Biological Activity</b> | The ED50 as determined by its ability to bind Human FGF R3 in functional ELISA is less than 15 $\mu$ g/ml.  |
| <b>Purity</b>              | $\geq$ 95% as determined by SDS-PAGE.   |
| <b>Sequence</b>            | FSDAGPHVHYGWGDPPIRLRHLYTSGPHGLSSCFLRIRADGVVDCARGQSAHS<br>LLEIKAVALRTVAIKGVHVSRYLCMGADGKMQGLLQYSEEDCAFEIEIRPDGY<br>NVYRSEKHRLPVSLSSAKQRQLYKNRGFLPLSHFLPMLPMVPEEPEDLRGHL<br>ESDMFSSPLETDSMDPFGLVTGLEAVRSPSFEK |
| <b>Research Area</b>       | Signal Transduction   |
| <b>Source</b>              | E.coli  |
| <b>Target Names</b>        | FGF19   |
| <b>Expression Region</b>   | 27-216aa  |
| <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>            | N-terminal 6xHis-tagged   |
| <b>Mol. Weight</b>         | 23.5 kDa  |
| <b>Protein Length</b>      | Partial   |

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Endotoxin

Less than 1.0 EU/ $\mu$ g as determined by LAL method.



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**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.

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**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.