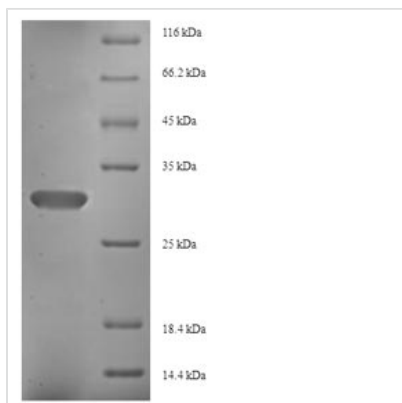




Recombinant Human Fibroblast growth factor 13 (FGF13)

| | |
|--------------------------|---|
| Product Code | CSB-EP008619HU |
| Relevance | Microtubule-binding protein which directly binds tubulin and is involved in both polymerization and stabilization of microtubules. Through its action on microtubules, may participate to the refinement of axons by negatively regulating axonal and leading processes branching. Plays a crucial role in neuron polarization and migration in the cerebral cortex and the hippocampus. May regulate voltage-gated sodium channels transport and function. May also play a role in MAPK signaling. |
| Abbreviation | Recombinant Human FGF13 protein |
| 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. | Q92913 |
| Alias | Fibroblast growth factor homologous factor 2 Short name: FHF-2 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | MAAAIASSLIRQKRQAREREKSNACKCVSSPSKGKTSCDKNKLNVF SRVKLFG SKKRRRRRPEPQLKGIVTKLYSRQGYHLQLQADGTIDGTDKDEDSTYTLFNLIPV GLRVVAIQGVQTKLYLAMNSEGYLYTSELTPECKFKESVFENYYVTYSSMIYR QQQSGRGWYLGLNKEGEIMKGNHVKKNKPAAHFLPKPLKVAMYKEPSLHDLT EFSRSGSGTPTKSRSVSGVLNGGKSMHNEST |
| Research Area | Signal Transduction |
| Source | E.coli |
| Target Names | FGF13 |
| Expression Region | 1-245aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 31.6kDa |
| Protein Length | Full Length |
| Image | |



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

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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