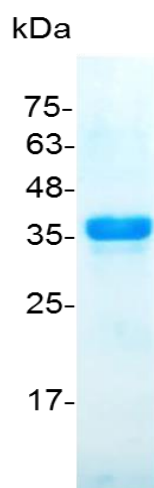


PRODUCT INFORMATION

FGF-22 (Fibroblast growth factor-22), Human

v. 231001

| | |
|--------------------------------|--|
| Catalog number | C01112-5UG / C01112-20UG / C01112-100UG |
| Package | 5 µg / 20 µg / 100 µg |
| Description | FGF-22 is a member of the fibroblast growth factor (FGF) family. FGF family members 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. The mouse homolog of this gene was found to be preferentially expressed in the inner root sheath of the hair follicle, which suggested a role in hair development. |
| Source | <i>Escherichia coli</i> |
| Sequence | TPSASRGPRSYPHLEGDVRWRRLFSSSTHFFLRVDPGGRVQGTRWRHGGQDSIL EIRSVHVGVVVIAVSSGFYVAMNRRGRLYGSRLYTVDICFRERIEENGHNTY ASQRWRRRGQPMFLALDRGGPRPGGRTRRYHLSAHFLPVLVS with polyhistidine tag and SUMO tag at the N-terminus |
| Endotoxin level | <0.1 EU per 1 µg of the protein by the LAL method. |
| Activity | Measure by its ability to induce 3T3 cells proliferation. The ED ₅₀ for this effect is <2 ng/mL. |
| Purity | >98% as determined by SDS-PAGE. |
| Form | Lyophilized |
| Storage Buffer | Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0. |
| Reconstitution | It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved. |
| Stability & Storage | <p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p> |



SDS-PAGE analysis of recombinant human FGF-22

For research use only.