

HumanKine[®] FGF-19 (Recombinant Human)



| | | | |
|-----------------------|----------------------|----------|----------------|
| Animal Component-Free | Human cell expressed | Tag-Free | Endotoxin Free |
|-----------------------|----------------------|----------|----------------|

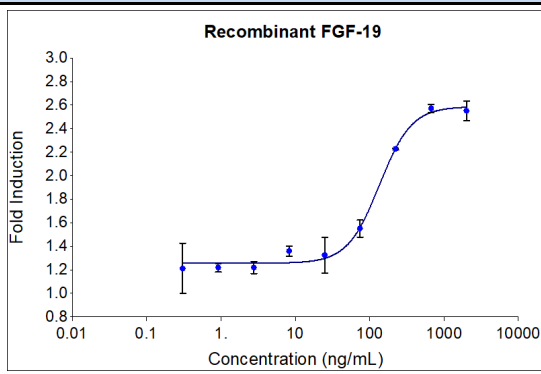
Product Description

| | |
|--------------------|--|
| Alternative Names | FGF-19, FGF19, FGFJ, Fibroblast Growth Factor-19 |
| Source | Human Embryonic Kidney cells (HEK293). HEK293-derived FGF-19 protein |
| Species Reactivity | human,mouse |

Specifications

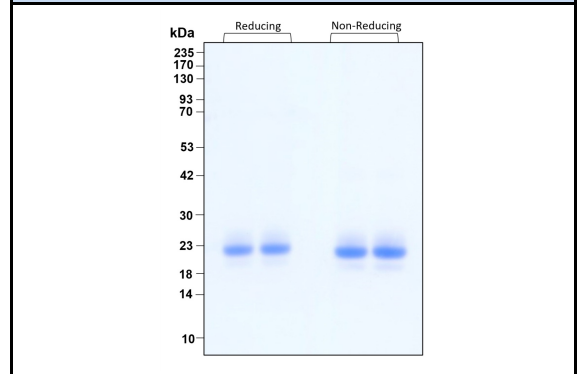
| Test | Method | Specification |
|----------------|--|---|
| Activity | Dose-dependent stimulation of the proliferation of the NIH 3T3 cell line in defined media. | 50-300 ng/mL EC50 |
| Molecular Mass | SDS-PAGE | 23 kDa reduced, 22 kDa non-reduced, monomer, non-glycosylated |
| Purity | SDS-PAGE | >95% |
| Endotoxin | LAL | <1 EU/μg |

Activity Data



Recombinant human FGF-19 (HZ-1330) stimulates dose-dependent proliferation of the NIH/3T3 mouse fibroblast cell line. Viable cell number was quantitatively assessed by Prestoblu^e Cell Viability Reagent. NIH/3T3 cells were serum starved with 0.02% FBS during treatment with increasing concentrations of recombinant human FGF-19 for 72hrs in defined medium. The EC50 was

SDS-PAGE



| Preparation | |
|----------------------|--|
| Shipping Temperature | ambient temperature |
| Formulation | 1x PBS, See Certificate of Analysis for details |
| Reconstitution | Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1x PBS pH 7.4 containing 0.1% endotoxin-free recombinant human serum albumin (HSA). |

| Stability and Storage | Product Form | Temperature Conditions | Storage Time (From Date of Receipt) |
|------------------------------------|---------------------------|------------------------|-------------------------------------|
| | Lyophilized | -20°C to -80°C | Until Expiry Date |
| | Lyophilized | Room Temperature | 2 weeks |
| | Reconstituted as per CofA | -20°C to -80°C | 6 months |
| | Reconstituted as per CofA | 4°C | 1 week |
| Avoid repeated freeze-thaw cycles. | | | |

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Proteintech Group, Inc.
5500 Pearl Street, Suite 400 Rosemont, IL 60612
t: 1-888-478-4522; f: 1-312-455-8408
Email: proteintech@ptglab.com