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FGF16
Recombinant Human Fibroblast Growth Factor 16

Catalog No.	CRF008B	**Quantity:**	25 µg

Alternate Names: FGF-16

Description: The FGFs play key roles in controlling tissue growth, morphogenesis, and repair in animals. Fibroblast Growth Factor-16 is a newly discovered heparin binding growth factor that stimulates the proliferation and activation of cells that express FGF receptors.

UniProt ID: O43320

Gene ID: 8823

Source: *E. coli*

Molecular Weight: 23.7 kDa (207 aa)

Formulation: Lyophilized

Purity: >95% by SDS-PAGE & HPLC analyses

Endotoxin Level: < 1 EU/µg

Biological Activity: The biological activity was determined by the FGF-10-induced proliferation of 4MBr-5 cells.

Amino Acid Sequence: AEVGGVFAS LDWDLHGFSS SLGNVPLADS PGFLNERLGQ IEGKLQRGSP TDFAHLKGIL RRRQLYCRTG FHLEIFPNGT VHGTRHDHSR FGILEFISLA VGLISIRGVD SGLYLGMNER GELYGSKKLT RECVFREQFE ENWYNTYAST LYKHSDSERQ YYVALNKDGS PREGYRTKRH QKFTHFLPRP VDPSKLPSMS RDLFHYR

Reconstitution: **Centrifuge vial prior to opening**. The human FGF-16 should be reconstituted in 0.5 x PBS to a concentration of 0.1-1.0 mg/ml. Addition of a carrier protein, such as 0.1% BSA, is recommended for stability.

Storage & Stability: Store lyophilized FGF-16 at -20°C to -80°C. Reconstituted FGF-16 should be stored in working aliquots at -20°C to -80°C. Freeze/thaw cycles will result in significant loss of activity. **Avoid repeated freeze-thaw cycles.**

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