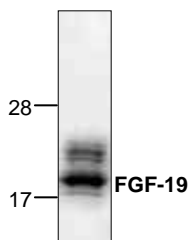


Recombinant Human FGF-19

CATALOG #:	4542-25 25 µg 4542-100 100 µg 4542-1000 1 mg
LOT #:	_____
SOURCE:	<i>E. coli</i>
PURITY:	>95% by SDS-PAGE Endotoxin level is <0.1 ng per µg of FGF-19.
MOL. WEIGHT:	21.8 kDa
FORM:	Lyophilized without additives. The protein may appear as a haze or film, which you may not see at the bottom of the vial.
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in PBS + 50 ug sterile BSA per ug of FGF-19 to prepare a stock solution of 0.1 to 1.0 µg/µl. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. Repeated freeze/thaw cycles will result in some loss of activity.
STORAGE CONDITIONS:	The lyophilized FGF-19 is best-stored desiccated below 0°C. Reconstituted FGF-19 should be stored at working aliquots at -20°C.
DESCRIPTION:	Fibroblast Growth Factor-19 (FGF-19) is a high affinity heparin dependent ligand for FGFR4. Recombinant human FGF-19 is an 21.8 kDa protein containing 195 amino acid residues.
BIOLOGICAL ACTIVITY:	Determined by a cell proliferation assay using balb/c 3T3 cells. The expected ED ₅₀ for this effect is 50-200 ng/ml.



Cat. 4542-25
Purity of recombinant human FGF-19 (2 µg) was analyzed by reduced SDS-PAGE electrophoresis.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Apoptosis Detection Kits & Reagents
 - Annexin V Kits & Bulk Reagents
 - Caspase Assay Kits & Reagents
 - Mitochondrial Apoptosis Kits & Reagents
 - Nuclear Apoptosis Kits & Reagents
 - Apoptosis Inducers and Set
 - Apoptosis siRNA Vectors
- Cell Fractionation System
 - Mitochondria/Cytosol Fractionation Kit
 - Nuclear/Cytosol Fractionation Kit
 - Membrane Protein Extraction Kit
 - Cytosol/Particulate Rapid Separation Kit
 - Mammalian Cell Extraction Kit
 - FractionPREP Fractionation System
- Cell Proliferation & Senescence
 - Quick Cell Proliferation Assay Kit
 - Senescence Detection Kit
 - High Throughput Apoptosis/Cell Viability Assay Kits
 - LDH-Cytotoxicity Assay Kit
 - Bioluminescence Cytotoxicity Assay Kit
 - Live/Dead Cell Staining Kit
- Cell Damage & Repair
 - HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
 - HAT Colorimetric Assay Kit & Reagents
 - DNA Damage Quantification Kit
 - Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits
- Signal Transduction
 - cAMP & cGMP Assay Kits
 - Akt & JNK Activity Assay Kits
 - Beta-Secretase Activity Assay Kit
- Adipocyte & Lipid Transfer
 - Recombinant Adiponectin, Survivin, & Leptin
 - CETP Activity Assay & Drug Discovery Kits
 - PLTP Activity Assay & Drug Discovery Kits
 - Total Cholesterol Quantification Kit
- Molecular Biology & Reporter Assays
 - siRNA Vectors
 - Cloning Insert Quick Screening Kit
 - Mitochondrial & Genomic DNA Isolation Kits
 - 5 Minutes DNA Ligation Kit
 - 20 Minutes Gel Staining/Destaining Kit
 - β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit
- Growth Factors and Cytokines
- Monoclonal and Polyclonal Antibodies