

Recombinant Human FGF-10

CATALOG #:	4060-25	25 µg
	4060-100	100 µg
	4060-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	≥98% by SDS-PAGE Endotoxin level is <0.1 ng per µg of FGF-10.	
MOL. WEIGHT:	19.3 kDa	

FORM:

Sterile filtered and lyophilized with no additives. This 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. It is recommended that sterile PBS + 50µg sterile BSA per µg of FGF-10 be added to the vial to prepare a working stock solution of no less than 100 µg/mL of FGF-10.

STORAGE CONDITIONS:

The lyophilized FGF-10 is best-stored desiccated below 0°C. Reconstituted FGF-10 should be stored at working aliquots at -20°C. Repeated freeze/thaw cycles will result in some loss of activity.

DESCRIPTION:

Fibroblast Growth Factor-10 (also called KGF-2) is a heparin binding growth factor that stimulates the proliferation and activation of cells that express FGF receptors. FGF-10 is mostly related to FGF-7/KGF and is expressed during development and preferentially in adult lungs. The human FGF-10 is a 19.3 kDa protein containing 170 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is ≤1 ng/ml, corresponding to a specific activity of ≥1 x 10⁶ units/mg.

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

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
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