

Recombinant Human FGF19

Cat No:HR2R1396

For research use only

Overview

Quantity	25 ?g
Gene Symbol	FGF19
Gene ID	9965
Accession	O95750
Alternative Name	Fibroblast Growth Factor-19, FGFJ
Species	Human
Source	E. coli
Description	Human FGF19 is expressed during brain development and embryogenesis and is a high-affinity, heparin-dependent ligand for FGF receptor 4. Among FGF family members, human FGF19 is most closely related to murine FGF15 and chicken FGF19. Recombinant Human FGF19 is a non-glycosylated, 21.9 kDa protein that contains 195 amino acid residues.
Functions	The ED50 as determined by the dose-dependent stimulation of the proliferation of balb/c 3T3 cells is 100-150ng/ml
Formulation	Lyophilized from a 0.2 ?m filtered solution in PBS
Solubility	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Appearance	Lyophilized Powder
Molecular Weight	21.9
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.