

Recombinant Human FGF20

Cat No:HR2R1402

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	FGF20
Gene ID	26281
Accession	Q9NP95
Alternative Name	FGF-20 Recombinant Human Fibroblast Growth Factor 20 (FGF20)
Species	Human
Source	E. coli
Description	FGF-20 is a heparin binding protein of the FGF family which works to control cell division, differentiation, and function. These proteins are especially prominent during prenatal development and postnatal growth. FGF-20 shares a high degree of homology with FGF-9 and FGF-16. The group of receptors which FGF-20 binds to comprises of FGFR1c, FGFR2c, FGFR3b, FGFR3c and FGFR4. It is shown that FGF-20 is found in a variety of cells, including but limited to, dopaminergic neurons, fibroblasts, keratinocytes and breast epithelium.
Functions	Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells
Formulation	Lyophilized from a 0.2 ?m filtered solution in 10mM MOPS, 10mM ammonium sulphate, 0.2mM DTT and 0.2mM EDTA (pH 7.0).
Solubility	Reconstitute at 10 ?g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin
Appearance	Lyophilized Powder
Molecular Weight	23.5
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.