

Human FGF16 Recombinant Protein



RPPB0229

Product Information Protein Information

Product SKU:

RPPB0229

Accession:

O43320

Host:

Escherichia Coli.

Protein description:

FGF16 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 206 amino acids and having a molecular mass of 23.6kDa. The FGF-16 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless clear solution.

Synonyms:

Fibroblast Growth Factor 16, Metacarpal 4-5 Fusion, FGF-16, MF4, FGF16.

Formulation:

FGF-16 0.2µm filtered solution containing 20mM Tris-HCl, 1M NaCl, pH 9.0, 0.2% Tween-20 and 10% Glycerol.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Amino Acid Sequence:

AEVGGVFASL DWDLHGFSSS LGNVPLADSP GFLNERLGQI EGKLQRGSPT DFAHLKGILR RRQLYCRTGF
HLEIFPNGTV HGTRHDHSRF GILEFISLAV GLISIRGVDS GLYLG MNERG ELYGSKKLTR ECVFREQFEE
NWyNTyASTL YKHSDSERQY YVALNKDGSP REGYRTRKHQ KFTHFLPRPV DPSKLPSMSR DLFHYR.

Biological Activity:

The ED50 as determined by thymidine uptake assay using FGF-receptors transfected BaF3 cells is less than 0.5ng/ml, corresponding to a specific activity of > 2.0 × 10⁶ IU/mg.