

32-20108: Animal-Free Recombinant Human FGF-10(Discontinued)

Reactivity : Human, Mouse

Alternative Name : Fibroblast Growth Factor-10, FGFA, Keratinocyte growth factor-2

Description

Source: **E.coli** FGF-10 is a heparin-binding growth factor that belongs to the FGF family. Proteins of this family play a central role during prenatal development, postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-10 is most related to KGF/FGF-7, and is expressed during the development and, preferentially, in adult lungs. It signals through FGFR 2b. Recombinant Human FGF-10 is a 19.3 kDa protein consisting of 170 amino acid residues.

Product Info

Amount : 5 µg / 25 µg

Purification : Purity: $\geq 95\%$ by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : MLGQDMVSPE ATNSSSSSFS SPSSAGRHRV SYNHLQGDVR WRKLFSTKY FLKIEKNGKV SGTKKENCY
SILEITSVEI GVVAVKAINS NYLAMNKKG KLYGSKEFNN DCKLKERIEE NGYNTYASFN WQHNGRQMYV
ALNGKGAPRR GQKTRRKNTS AHFLPMVVHS

Application Note

Determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors. The expected ED_{50} is ≤ 0.5 ng/ml corresponding to a specific activity of $\geq 2 \times 10^6$ units/mg.