

32-20542: Recombinant Human FGF-8a(Discontinued)

Reactivity : Human

Alternative Name : Fibroblast Growth Factor-8, FGF-8a, AIGF, HBGF-8

Description

Source:CHO cells

FGF-8 is a heparin-binding growth factor belonging 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. There are 4 known alternate spliced forms of FGF8; FGF-8a, FGF-8b, FGF-8e and FGF-8f. The human and murine FGF-8a and FGF-8b are identical, unlike human and mouse FGF-8e and FGF-8f, which are 98% identical. FGF-8 targets mammary carcinoma cells and other cells expressing the FGF receptors. CHO cell-derived Recombinant Human FGF-8a is a 21.2 kDa protein consisting of 182 amino acid residues.

Product Info

Amount : 5 µg / 25 µg

Purification : Purity:>= 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : QHVREQSLVT DQLSRRLIRT YQLYSRTSGK HVQVLANKRI NAMAEDGDPF AKLIVETDTF
GSRVRVRGAE TGLYICMNKK GKLIKSNGK GKDCVFTEIV LENNYTALQN AKYEGWYMAF
TRKGRPRKGS KTRQHQRVH FMKRLPRGHH TTEQSLRFEF LNYPPFTRSL RGSQRTWAPE
PR

Application Note

Determined by a cell proliferation assay using balb/c 3T3 cells.