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37-1284: Human FGF6 / FGF-6 Recombinant Protein(Discontinued)

Reactivity : Human
Alternative Name : HBGF-6 Protein, HST2 Protein,

Description

Source : E. coli
FGF6, also known as FGF-6, belongs to the fibroblast growth factor (FGF) family. Members of this family possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF6 plays an important role in the regulation of cell proliferation, cell differentiation, angiogenesis and myogenesis. It is also required for normal muscle regeneration. FGF6 gene displayed oncogenic transforming activity when transfected into mammalian cells.

Product Info

Amount :	6 Recombinant Protein(Discontinued) / 20 µg
Purification :	> 95 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile PBS pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Gly41-Ile208

Application Note

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 1-6 ng/mL.
Other pack size also available.

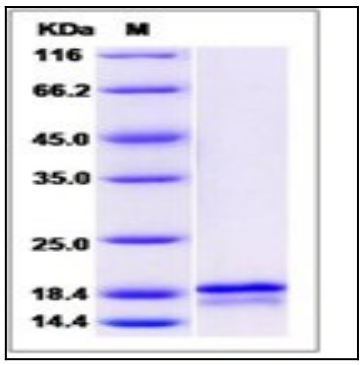


Fig 1: Human FGF6 / FGF-6 Recombinant Protein

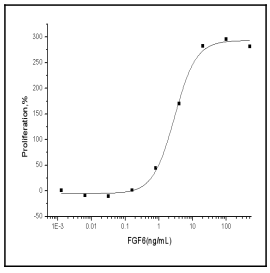


Fig 2: Human FGF6 / FGF-6 Recombinant Protein measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts.

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