9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

37-1037: Human aFGF / FGF1 Recombinant Protein(Discontinued)

Reactivity :	Human
Alternative Name :	AFGF Protein, ECGF Protein, ECGF-beta Protein, ECGFA Protein, ECGFB Protein, FGF-1 Protein, FGF-alpha Protein, FGFA Protein, GLIO703 Protein, HBGF-1 Protein, HBGF1 Protein,

Description

Source : E. coli
aFGF, also known as FGF1 and HBGF-1, is a member of the fibroblast growth factor family. The biological activity of aFGF protein is exerted through binding to four high affinity cell surface receptors (FGFR1Â–4), which results in receptor dimerization and transphosphorylation in the tyrosine kinase domain. aFGF protein shows a wide range of endocrine-like activities. As a multiple function growth factor, this protein is involved in embryo development and tissue repair. Additionally, this protein is considered to function in several important physiological and pathological processes, such as embryonic development, morphogenesis, angiogenesis, wound healing and atheromatosis, carcinogenesis, development, and invasion of cancer.

Product Info

Amount :	Human aFGF / FGF1 Recombinant Protein(Discontinued) / 50 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 :	Phe16-Asp155

Application Note

Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 50-200 pg/ml.
Other pack size also available.

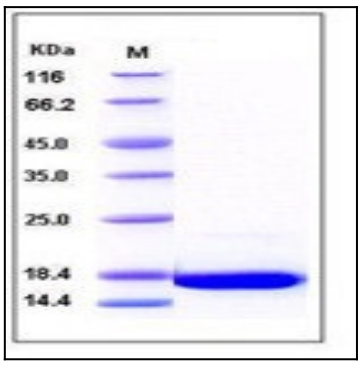

Fig 1: Human aFGF / FGF1 Recombinant Protein

9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

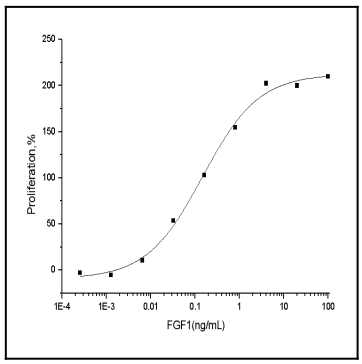

Fig 2: Human aFGF / FGF1 Recombinant Protein measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts.