

Product Information

Recombinant Cynomolgus FGF1

Product Information	
Catalog#	MK0369C
Product Name	Recombinant Cynomolgus FGF1
Product Overview	Recombinant Cynomolgus FGF1 (Phe16-Asp155), fused with an initial Met, was produced in E. coli.
Description	aFGF (Acidic fibroblast growth factor), also known as FGF1 (Fibroblast growth factor 1), FGF-acidic and HBGF-1 (Heparin-binding growth factor 1), is a member of the fibroblast growth factor (FGF) family. It is a powerful mitogen exhibiting strong action on numerous different cell types. FGF1 protein plays a role in various stages of development and morphogenesis, as well as in angiogenesis and wound healing processes. aFGF protein binds to cell surface receptors with high affinity with the prerequisite asso
Source	E. coli
Species	Cynomolgus
Tag	N/A
Formulation	Lyophilized from a sterile solution of PBS, pH 7.4, 10 % Glycerol, 5%~8% trehalose and mannitol.
Purity	>95% as determined by SDS-PAGE.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant cyno FGF1 consists of 141 amino acids and has a calculated molecular mass of 16 kDa. It migrates as an 16 KDa band in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.