

Recombinant Mouse FGF-1/aFGF Protein

RPCB0566

Protein Information

Size:	10 µg , 20 µg , 50 µg , 100 µg	Tag:	No tag
Reactivity:	Mouse	Expressed Host:	E. coli
Calculated MW:	15.79 kDa	Observed MW:	15-25 kDa

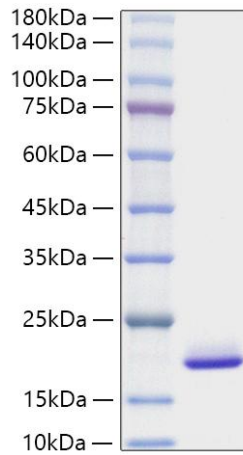
Background

FGF acidic is a 17 kDa nonglycosylated member of the FGF family of mitogenic peptides. FGF acidic, which is produced by multiple cell types, stimulates the proliferation of all cells of mesodermal origin and many cells of neuroectodermal, ectodermal, and endodermal origin. It plays a number of roles in development, regeneration, and angiogenesis. FGF-acidic is a non-glycosylated heparin binding growth factor that is expressed in the brain, kidney, retina, smooth muscle cells, bone matrix, osteoblasts, astrocytes and endothelial cells. FGF-acidic has the ability to signal through all the FGF receptors.

Properties

Synonyms:	Fibroblast Growth Factor 1, FGF-1, Acidic Fibroblast Growth Factor, aFGF, Heparin-Binding Growth Factor 1, HBGF-1, Fgf1, Fgf-1, Fgfa
Gene ID:	14164
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Mouse FGF-1/aFGF Protein (RPCB0566), tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data



Recombinant Mouse FGF-1/aFGF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.