

RPCB1866

Product Information

Product SKU:	RPCB1866	Gene ID:	14165	Size:	10µg
Tag:	NO-Tag	Reactivity:	Mouse		

Additional Information

Expression Host:	E. coli	Swissprot:	O35565
Purity:	-		

Protein Information

Background: Fibroblast Growth Factor 10 (FGF 10) is an evolutionary conserved secreted growth factor mediating mostly mesenchymal to epithelial signaling. FGF 10 belongs to the FGF 7 subfamily and shares similar biochemical and amino acid sequences with its constituent members (FGF3, FGF 7 and FGF 22). As a paracrine FGF, FGF 10 elicits its biological responses by activating the fibroblast growth factor receptor 2b (FGF R 2b), is crucial for governing proximal distal outgrowth as well as patterning and acts upstream of the known apical ectodermal ridge (AER) marker FGF 8. FGF10 is also implicated in pancreatic cancer, and that overexpression of FGFR2b is associated with metastatic invasion.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse FGF-10 Protein, tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <1EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of 20mMPB, 800mMNaCl, pH7.4

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.