

Recombinant Mouse Follistatin-like protein 1/FSTL1 Protein

RPCB1925



Product Information

Product SKU:	RPCB1925	Gene ID:	14314	Size:	10µg
Tag:	C-His	Reactivity:	Mouse		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	Q62356
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Follistatin-related protein 1 (FSTL1) is an extracellular glycoprotein whose functional significance in physiological and pathological processes is incompletely understood. Recently, we have shown that FSTL1 acts as a muscle-derived secreted factor that is up-regulated by Akt activation and ischemic stress and that FSTL1 exerts favorable actions on the heart and vasculature. Here, we sought to identify the receptor that mediates the cellular actions of FSTL1. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. FSTL1 is thought to be an autoantigen associated with rheumatoid arthritis. DIP2A functions as a novel receptor that mediates the cardiovascular protective effects of FSTL1. Experiment results have provided in vivo and in vitro evidence to demonstrate that Fstl1 modulates lung development and alveolar maturation, in part, through BMP4 signaling.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse Follistatin-like protein 1/FSTL1 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

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.

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