

RPCB1998

Product Information

Product SKU:	RPCB1998	Gene ID:	84506	Size:	100µg
Tag:	N-GST	Reactivity:	Mouse		

Additional Information

Expression Host:	E. coli	Swissprot:	Q9EQ21
Purity:	> 95% as determined by HPLC.		

Protein Information

Background: Heparin, the main regulator of iron metabolism, is synthesized and released by hepatocytes in response to increased body iron concentration and inflammation. Deregulation of heparin expression is a common feature of genetic and acquired iron disorders: in Hereditary Hemochromatosis (HH) and iron-loading anemias low heparin causes iron overload, while in Iron Refractory Iron Deficiency Anemia (IRIDA) and anemia of inflammation (AI), high heparin levels induce iron-restricted erythropoiesis.

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

Endotoxin: <1EU/µg

Formulation: Supplied as a 0.22 µm filtered solution in 50 mM Tris-HCl, 150 mM NaCl, 2 mM DTT, pH 7.5.

Storage: Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.