

Recombinant Mouse Heparin/HAMP Protein

Catalog No.: RP02870LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	84506	Q9EQ21

Tags

N-GST

Synonyms

Hamp1; Heparin; Heparin1; HFE2B; LEAP1; LEAP-1; PLTR

Product Information

Source	Purification
<i>E. coli</i>	> 95% as determined by HPLC.

Calculated MW **Observed MW**

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.

Reconstitution

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.

Basic Information

Description

Recombinant Mouse Heparin/HAMP Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Asp59-Thr83) of mouse Heparin/HAMP (Accession #NP_115930.1) fused with GST tag at the N-terminus.

Bio-Activity

Storage

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.

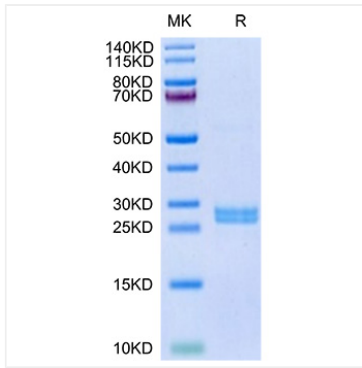
Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Validation Data



Recombinant Mouse Heparin/HAMP Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 29kDa.