

Human Heparin-25 peptide ab31875

★★★★★ [1 Abreviews](#) [4 References](#) [1 图像](#)

描述

产品名称	人Heparin-25多肽
纯度	> 70 % HPLC. 70 - 90% by HPLC
Accession	<u>P81172</u>
无动物成分	No
性质	Synthetic
种属	Human

技术指标

Our **Abpromise guarantee** covers the use of **ab31875** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Blocking - Blocking peptide for Anti-Heparin-25 antibody (<u>ab30760</u>) ELISA
形式	Lyophilized
补充说明	Storage buffer: 10% 0.5M acetic acid, 90% TK buffer. pH 3.6 Solutions of ab31875, diluted 10 times, in TBST (80%) and PBS (10%) have a pH of 5.1

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.
复溶	Reconstitute in 10% 0.5M acetic acid, 90% TK buffer. If the peptide doesn't dissolve try an organic solvent like DMSO, then dilute using water or buffer. Gentle warming and sonication can effectively aid peptide solubilisation

常规信息

功能	Liver-produced hormone that constitutes the main circulating regulator of iron absorption and
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distribution across tissues. Acts by promoting endocytosis and degradation of ferroportin, leading to the retention of iron in iron-exporting cells and decreased flow of iron into plasma. Controls the major flows of iron into plasma: absorption of dietary iron in the intestine, recycling of iron by macrophages, which phagocytose old erythrocytes and other cells, and mobilization of stored iron from hepatocytes (PubMed:22306005).

Has strong antimicrobial activity against E.coli ML35P N.cinerea and weaker against S.epidermidis, S.aureus and group b streptococcus bacteria. Active against the fungus C.albicans. No activity against P.aeruginosa (PubMed:11113131, PubMed:11034317).

组织特异性

Highest expression in liver and to a lesser extent in heart and brain. Low levels in lung, tonsils, salivary gland, trachea, prostate gland, adrenal gland and thyroid gland. Secreted into the urine.

疾病相关

Hemochromatosis 2B

序列相似性

Belongs to the hepcidin family.

细胞定位

Secreted.

图片

Choose the best for your experiment from thousands of proteins and peptides

- Reinforce the validity of your results with **protein controls**
- Validate specific, reliable reagents with **blocking peptides**
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Human Hepcidin-25 peptide (ab31875)

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