

Human Hepcidin-25 peptide ab31875

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製品の詳細

製品名	Human Hepcidin-25 peptide
精製度	> 70 % HPLC. 70 - 90% by HPLC
アクセッション番号	<u>P81172</u>
Animal free	No
由来	Synthetic
生物種	Human

特性

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.

アプリケーション	Blocking - Blocking peptide for Anti-Hepcidin-25 antibody (<u>ab30760</u>) ELISA
製品の状態	Lyophilized
備考	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

前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.
再構成	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

関連情報

機能	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).

組織特異性

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.

関連疾患

Hemochromatosis 2B

配列類似性





Belongs to the hepcidin family.

細胞内局在

Secreted.

画像

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**
-  Keep working on targets without specific antibodies with **fusion-tagged proteins**
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Human Hepcidin-25 peptide (ab31875)

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