

## Product datasheet

# Recombinant Human Heparin protein ab132374

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### Description

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<b>Product name</b>	Recombinant Human Heparin protein
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<b><u>P81172</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	SVFPQQTGQLAELQPQDRAGARASWMPMFQRRRRRDT HFPICIFCCGCCH RSKCGMCKT
<b>Predicted molecular weight</b>	32 kDa including tags
<b>Amino acids</b>	25 to 84

### Specifications

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Our **Abpromise guarantee** covers the use of **ab132374** in the following tested applications.

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

<b>Applications</b>	ELISA Western blot SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

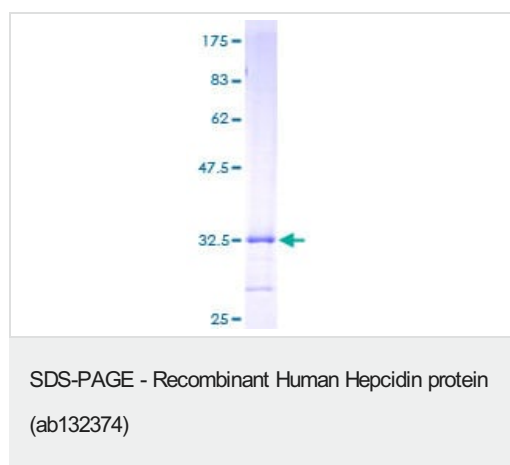
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<b>Function</b>	Seems to act as a signaling molecule involved in the maintenance of iron homeostasis. Seems to be required in conjunction with HFE to regulate both intestinal iron absorption and iron storage in macrophages. Has strong antimicrobial 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.
<b>Tissue specificity</b>	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.
<b>Involvement in disease</b>	Hemochromatosis 2B
<b>Sequence similarities</b>	Belongs to the hepcidin family.
<b>Cellular localization</b>	Secreted.

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## Images

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12.5% SDS-PAGE analysis of ab132374 stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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