

## Product datasheet

# Recombinant Human XPNPEP1 protein ab202254

[1 Image](#)

### Description

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<b>Product name</b>	Recombinant Human XPNPEP1 protein
<b>Purity</b>	> 85 % SDS-PAGE. ab202254 was purified using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><a href="#">Q9NQW7</a></u>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<pre>MGSSHHHHHH SSGLVPRGSH MGSEFELRRQ ASMPPKVTSE LLRQLRQAMR NSEYVTEPIQ AYIIPSGDAH QSEYIAPCDC RRAFVSGFDG SAGTAITEE HAAMWTDGRY FLQAAQMDS NWTLMKMGLK DTPTQEDWLV SVLPEGSRVG VDPLIIPDYL WKKMAKVLRS AGHHLIPVKE NLVDKIWTDR PERPCKPLLT LGLDYGISW KDKVADLRK MAERNVMWFV VTALDEIAWL FNLRGSDVEH NPVFFSYAII GLETIMLFID GDRIDAPSVK EHLLEDLGLL AEYRIQVHPY KSILSELKAL CADLSPREKV WVSDKASYAV SETIPKDHRG CMPYTPICIA KAVKNSAESE GMRRRAHIKDA VALCELFNWL EKEVPKGGVT EISAADKAE EFRQQADFVD LSFPTISSTG PNGAIIHYAP VPETNRTLST DEVYLIDSGA QYKDGTTDVT RTMHFGTPTA YEKECFYVL KGHIAVSAAV FPTGTGKGLL DSFARSALWD SGLDYLHGTG HGVGSFLNVH EGPCGISYKT FSDEPLEAGM IVTDEPGYIE DGAFGRIEN VVLVVPVTKK YFNFNRRGSLT FEPLTLVPIQ TKMIDVDSLST DKECDWLNNY HLTCRDVIGK ELQKQGRQEA LEWLIRETQP ISKQH</pre>
<b>Predicted molecular weight</b>	73 kDa including tags
<b>Amino acids</b>	1 to 623
<b>Tags</b>	His tag N-Terminus

## Specifications

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Our **Abpromise guarantee** covers the use of **ab202254** 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>	SDS-PAGE
<b>Form</b>	Liquid

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  pH: 7.40 Constituents: 80% PBS, 20% Glycerol (glycerin, glycerine)
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## General Info

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<b>Function</b>	Contributes to the degradation of bradykinin. Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro.
<b>Tissue specificity</b>	Expressed in all tissues tested, including pancreas, heart, muscle, kidney, liver, lung and brain. Highest levels in pancreas.
<b>Sequence similarities</b>	Belongs to the peptidase M24B family.
<b>Cellular localization</b>	Cytoplasm.

## Images

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3µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

**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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