

## Product datasheet

# Human PON3 peptide ab197546

[1 Image](#)

### Description

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<b>Product name</b>	Human PON3 peptide
<b>Animal free</b>	No
<b>Nature</b>	Synthetic
<b>Species</b>	Human
<b>Additional sequence information</b>	A synthetic peptide corresponding to residues in Human PON3.

### Specifications

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Our **Abpromise guarantee** covers the use of **ab197546** 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>	Blocking - Blocking peptide for Anti-PON3 antibody [EPR2903(2)] ( <b>ab109258</b> )
<b>Form</b>	Liquid
<b>Additional notes</b>	<ul style="list-style-type: none"><li>- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.</li><li>- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.</li><li>- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.</li><li>- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.</li><li>- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.</li></ul>

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C.
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### General Info

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<b>Function</b>	Has low activity towards the organophosphate paraxon and aromatic carboxylic acid esters. Rapidly hydrolyzes lactones such as statin prodrugs (e.g. lovastatin). Hydrolyzes aromatic
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lactones and 5- or 6-member ring lactones with aliphatic substituents but not simple lactones or those with polar substituents.

**Sequence similarities**

Belongs to the paraoxonase family.

**Post-translational modifications**

The signal sequence is not cleaved.

**Cellular localization**





Secreted > extracellular space.

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**Images**

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Human PON3 peptide (ab197546)

To learn more about our protein and peptide range click [here](#).

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

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