

## Product datasheet

# Human IP10 peptide ab47417

1 Image

### Description

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<b>Product name</b>	Human IP10 peptide
<b>Purity</b>	> 70 % HPLC. 70 - 90% by HPLC
<b>Animal free</b>	No
<b>Nature</b>	Synthetic
<b>Species</b>	Human

### Specifications

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Our **Abpromise guarantee** covers the use of **ab47417** 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
<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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  Information available upon request.
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### General Info

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<b>Function</b>	Chemotactic for monocytes and T-lymphocytes. Binds to CXCR3.
<b>Sequence similarities</b>	Belongs to the intercrine alpha (chemokine CxC) family.
<b>Post-translational modifications</b>	CXCL10(1-73) is produced by proteolytic cleavage after secretion from keratinocytes.
<b>Cellular localization</b>	Secreted.

## Images

**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**
-  Get consistent, reproducible results with premium **bioactive proteins**

Human IP10 peptide (ab47417)

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

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