

## Product datasheet

### Human GPCR RDC1/CXCR-7 peptide **ab38088**

#### Description

<b>Product name</b>	Human GPCR RDC1/CXCR-7 peptide
<b>Purity</b>	> 90 % HPLC.
<b>Animal free</b>	No
<b>Nature</b>	Synthetic
<b>Species</b>	Human

#### Specifications

Our **Abpromise guarantee** covers the use of **ab38088** 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-GPCR RDC1/CXCR-7 antibody ( <b>ab38089</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

<b>Stability and Storage</b>	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</p> <p>Information available upon request.</p>
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#### General Info

<b>Function</b>	Receptor for CXCL12/SDF1. Acts as coreceptor with CXCR4 for a restricted number of HIV isolates.
<b>Tissue specificity</b>	Expressed in monocytes, basophils, and B-cells. Lower expression in CD4+ T-lymphocytes and natural killer cells.
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Cellular localization</b>	Cell membrane.

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**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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