

## Product datasheet

# Mu Opioid Receptor peptide ab239748

### Description

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<b>Product name</b>	Mu Opioid Receptor peptide
<b>Animal free</b>	No
<b>Nature</b>	Synthetic

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab239748** 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>	Lyophilized
<b>Additional notes</b>	<p>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</p> <p>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.</p> <p>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.</p> <p>Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.</p> <p>Blocking peptide for <a href="#">ab134054</a></p>

### 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>	Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance. Receptor for beta-endorphin.
<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"

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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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