

## Product datasheet

### Human KMT4 / Dot1L peptide ab71337

[1 References](#) [1 Image](#)

#### Description

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<b>Product name</b>	Human KMT4 / Dot1L peptide
<b>Purity</b>	> 70 % HPLC. 70 - 90% by HPLC
<b>Accession</b>	<b><u>Q8TEK3-1</u></b>
<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 **ab71337** 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>	Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones. Binds to DNA.
<b>Sequence similarities</b>	Belongs to the class I-like SAM-binding methyltransferase superfamily, DOT1 family. Contains 1 DOT1 domain.
<b>Cellular localization</b>	Nucleus.

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## Images

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-  Reinforce the validity of your results with **protein controls**
-  Validate specific, reliable reagents with **blocking peptides**
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-  Get consistent, reproducible results with premium **bioactive proteins**

Human KMT4 / Dot1L peptide (ab71337)

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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