

## mSIRK (L9A)

<b>Cat. No.:</b>	HY-P5986
<b>Molecular Formula:</b>	C <sub>90</sub> H <sub>144</sub> N <sub>20</sub> O <sub>25</sub>
<b>Molecular Weight:</b>	1906.23
<b>Sequence:</b>	{Myr}-Ser-Ile-Arg-Lys-Ala-Leu-Asn-Ile-Ala-Gly-Tyr-Pro-Asp-Tyr-Asp
<b>Sequence Shortening:</b>	{Myr}-SIRKALNIAGYPDYD
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

mSIRK (L9A) is a cell-permeable, N-myristoylated G-Protein Binding Peptide (mSIRK). mSIRK (L9A) contains a single point mutation (Leu9 to Ala). mSIRK (L9A) cannot enhance ERK1/2 phosphorylation. mSIRK (L9A) can be used as a control peptide [1].

### REFERENCES

[1]. Goubaeva F, et al. Stimulation of cellular signaling and G protein subunit dissociation by G protein betagamma subunit-binding peptides. J Biol Chem. 2003 May 30;278(22):19634-41.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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