

## Protein LMWP

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Cat. No.:	HY-P5107
CAS No.:	121052-30-0
Molecular Formula:	C <sub>72</sub> H <sub>142</sub> N <sub>44</sub> O <sub>16</sub>
Molecular Weight:	1880.18
Sequence:	Val-Ser-Arg-Arg-Arg-Arg-Arg-Arg-Gly-Gly-Arg-Arg-Arg-Arg
Sequence Shortening:	VSRRRRRRGGRRRR
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Protein LMWP is a cell-penetrating peptide with vascular endothelial growth factor (VEGF) inhibitory activity. Protein LMWP can inhibit tumor growth and is used in cancer research<sup>[1]</sup>.

### REFERENCES

[1]. Choi YS, et al. The systemic delivery of siRNAs by a cell penetrating peptide, low molecular weight protamine. *Biomaterials*. 2010 Feb;31(6):1429-43.

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

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