

## Adamtsostatin 4

<b>Cat. No.:</b>	HY-P4001
<b>CAS No.:</b>	929554-73-4
<b>Molecular Formula:</b>	C <sub>80</sub> H <sub>121</sub> N <sub>27</sub> O <sub>27</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	1957.12
<b>Sequence Shortening:</b>	GPWGDCSRTCGGGVQFSSR
<b>Target:</b>	ADAMTS
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Adamtsostatin 4 is an anti-angiogenic peptide. Adamtsostatin 4 can be used for the research of anti-angiogenic <sup>[1]</sup> .
In Vitro	Adamtsostatin 4 (0 - 40 µg/mL) inhibits the proliferation and migration of human umbilical vein endothelial cells in vitro <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
	Cell Migration Assay <sup>[1]</sup>
	Cell Line: Endothelial cells
	Concentration: 30 µg/mL
	Incubation Time: 20 h
	Result: Inhibited the migration of HUVECs in the presence of VEGF.
	Cell Proliferation Assay <sup>[1]</sup>
	Cell Line: Endothelial cells
	Concentration: 0 - 40 µg/mL
	Incubation Time: 3 days
Result: Inhibited the proliferation of HUVECs in vitro.	

### REFERENCES

[1]. Emmanouil D Karagiannis, et al. Anti-angiogenic peptides identified in thrombospondin type I domains. *Biochem Biophys Res Commun.* 2007 Jul 20;359(1):63-9.

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

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