

## SBP1 peptide

<b>Cat. No.:</b>	HY-P5827
<b>CAS No.:</b>	2416761-69-6
<b>Molecular Formula:</b>	C <sub>127</sub> H <sub>184</sub> N <sub>30</sub> O <sub>42</sub>
<b>Molecular Weight:</b>	2803
<b>Sequence:</b>	Ile-Glu-Glu-Gln-Ala-Lys-Thr-Phe-Leu-Asp-Lys-Phe-Asn-His-Glu-Ala-Glu-Asp-Leu-Phe-Tyr-Gln-Ser
<b>Sequence Shortening:</b>	IEEQAKTFLDKFNHEAEDLFYQS
<b>Target:</b>	SARS-CoV; Angiotensin-converting Enzyme (ACE)
<b>Pathway:</b>	Anti-infection; Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

SBP1 peptide is a chemically synthesized 23-mer peptide fragment of the ACE2 PD α1 helix. SBP1 peptide associates with micromolar affinity to insect-derived SARS-CoV-2-RBD protein <sup>[1]</sup>.

### REFERENCES

[1]. G. Zhang, et al. Investigation of ACE2 N-terminal fragments binding to SARS-CoV-2 Spike RBD.

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

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