

## MDYYFEER

Cat. No.:	HY-P5318
Molecular Formula:	C <sub>52</sub> H <sub>69</sub> N <sub>11</sub> O <sub>17</sub> S
Molecular Weight:	1152.23
Sequence:	Met-Asp-Tyr-Tyr-Phe-Glu-Glu-Arg
Sequence Shortening:	MDYYFEER
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## BIOLOGICAL ACTIVITY

<b>Description</b>	MDYYFEER is an antioxidant active peptide that can be isolated from pancreatin hydrolysate of C-phycoyanin. MDYYFEER has high DPPH and ABTS radical scavenging ability. MDYYFEER protects zebrafish larvae from H <sub>2</sub> O <sub>2</sub> -induced oxidative damage <sup>[1]</sup> .
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## REFERENCES

[1]. Fenghua Xu, et al. Three novel antioxidant peptides isolated from C-phycoyanin against H<sub>2</sub>O<sub>2</sub>-induced oxidative stress in zebrafish via Nrf2 signaling pathway. Front. Mar. Sci., 23 December 2022. Volume 9.

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

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