

## PRDX3(103-112), human

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Cat. No.:	HY-P10132
CAS No.:	847447-01-2
Molecular Formula:	C <sub>54</sub> H <sub>78</sub> N <sub>10</sub> O <sub>17</sub> S
Molecular Weight:	1171.32
Sequence:	Asp-Phe-Thr-Phe-Val-Cys-Pro-Thr-Glu-Ile
Sequence Shortening:	DFTFVCPTEI
Target:	Ferroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	PRDX3(103-112), human is a marker for ferroptosis. PRDX3 is hyperoxidated by mitochondrial lipid peroxides. PRDX3 inhibits cystine uptake after hyperoxidation <sup>[1]</sup> .
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### REFERENCES

[1]. Shaojie Cui, et al. Identification of hyperoxidized PRDX3 as a ferroptosis marker reveals ferroptotic damage in chronic liver diseases. Mol Cell. 2023, 83, 21.

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

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