

## Pancreastatin (37-52), human

Cat. No.:	HY-P3864
CAS No.:	133605-57-9
Molecular Formula:	C <sub>78</sub> H <sub>123</sub> N <sub>21</sub> O <sub>27</sub> S
Molecular Weight:	1819
Sequence:	Glu-Glu-Glu-Glu-Glu-Met-Ala-Val-Val-Pro-Gln-Gly-Leu-Phe-Arg-Gly-NH <sub>2</sub>
Sequence Shortening:	EEEEEMAVPQGLFRG-NH <sub>2</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Pancreastatin (37-52), human is a pancreastatin fragment. Pancreastatin a CgA-derived peptide (CgA residues 250–301) with biological activity, inhibited the releasing of insulin by islet beta cells <sup>[1][2]</sup> .
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### REFERENCES

- [1]. Qiao XW, et al. Chromogranin A is a reliable serum diagnostic biomarker for pancreatic neuroendocrine tumors but not for insulinomas. BMC Endocr Disord. 2014 Aug 7;14:64.
- [2]. O'Dorisio TM, et al. Development of a highly sensitive and specific carboxy-terminal human pancreastatin assay to monitor neuroendocrine tumor behavior. Pancreas. 2010 Jul;39(5):611-6.

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

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