

## Exendin-4

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Exendin-4 (exenatide), originally isolated from *Heloderma suspectum* venom, differs from exendin-3 by only 2 N-terminal amino acid substitutions. This polypeptide causes an increase in acinar cAMP without stimulating amylase release. Exendin-4 and glucagon-like peptide 1 (7-36) amide bind with similar affinity to the glucagon-like peptide 1 receptor. Moreover, exendin-4 is also considered for clinical use in the treatment of type 2 diabetes.

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| Catalog No.       | 5991201   |
| Size              |   |
| Product Category  | Catalog Peptide   |
| Sequence          | H-His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH <sub>2</sub> |
| CAS No.           | 141758-74-9   |
| Mol. Formula      | C <sub>184</sub> H <sub>282</sub> N <sub>50</sub> O <sub>60</sub> S   |
| Mol. Weight       | 4186.03   |
| Purity            | > 95%   |
| MOQ               | 1 mg  |
| Storage/Stability | -20°C/1 year  |
| Shipping          | Gel Packs   |