

## Product Datasheet

### Exendin 4 peptide (orb216584)

<b>Description</b>	Exendin-4 peptide
<b>Form/Appearance</b>	Lyophilized powder
<b>Storage</b>	Shipped at 4°C. Store at -20°C for one year.
<b>Note</b>	For research use only
<b>Application notes</b>	Exendin-4 (exenatide), originally isolated from <i>Heloderma suspectum</i> 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.
<b>Protein Sequence</b>	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>
<b>Formula</b>	C <sub>184</sub> H <sub>282</sub> N <sub>50</sub> O <sub>60</sub> S
<b>Purity</b>	> 95%
<b>Source</b>	Synthetic
<b>MW</b>	4186.03
<b>CAS Number</b>	141758-74-9
<b>Expiration Date</b>	12 months from date of receipt.