

## Product Datasheet

### Exendin-4 (orb1140521)

<b>Catalog Number</b>	orb1140521
<b>Category</b>	Proteins
<b>Description</b>	Glucagon like peptide 1 (GLP-1) receptor agonist; Peptides.
<b>Form/Appearance</b>	Freeze dried solid
<b>Purity</b>	> 95% by HPLC
<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-Asn-His-NH <sub>2</sub>
<b>MW</b>	4186.6 Da
<b>Structure</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-Asn-His-NH <sub>2</sub>
<b>Modifications</b>	C terminal amide.
<b>Target Areas</b>	Glucagon and related receptors
<b>Solubility (25°C)</b>	Soluble in water (10mg/mL), PBS, dilute acid and DMSO.
<b>CAS Number</b>	141758-74-9
<b>Formula</b>	C <sub>184</sub> H <sub>282</sub> N <sub>50</sub> O <sub>60</sub> S
<b>Storage</b>	Store desiccated at -20°C in the dark
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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