

GRPP (human)

Cat. No.:	HY-P5074
CAS No.:	1132745-52-8
Molecular Formula:	C ₁₃₆ H ₂₁₅ N ₄₁ O ₅₈ S
Molecular Weight:	3384.47
Sequence:	Arg-Ser-Leu-Gln-Asp-Thr-Glu-Glu-Lys-Ser-Arg-Ser-Phe-Ser-Ala-Ser-Gln-Ala-Asp-Pro-Leu-Ser-Asp-Pro-Asp-Gln-Met-Asn-Glu-Asp
Sequence Shortening:	RSLQDTEEKSRFSASQADPLSDPDQMNE
Target:	GCGR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	GRPP (human) is a 30 amino acid Gcg-derived peptide. GRPP (human) causes slight increases in plasma insulin and decreases in plasma glucagon. GRPP (human) does not affect insulin secretion in rat islets ^[1] .
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REFERENCES

[1]. Lynda Whiting, et al. Glicentin-related pancreatic polypeptide inhibits glucose-stimulated insulin secretion from the isolated pancreas of adult male rats. *Physiol Rep.* 2015 Dec;3(12):e12638.

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

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