

RG33 Peptide

Cat. No.:	HY-P5878
Molecular Formula:	C ₁₇₅ H ₂₈₂ N ₄₂ O ₅₁
Molecular Weight:	3790.36
Sequence:	Ac-Pro-Ala-Leu-Glu-Asp-Leu-Arg-Gln-Gly-Leu-Leu-Pro-Val-Leu-Glu-Ser-Phe-Lys-Val-Ser-Phe-Leu-Ser-Ala-Leu-Glu-Glu-Tyr-Thr-Lys-Lys-Leu-Asn-NH ₂
Sequence Shortening:	Ac-PALEDLRQGLLPVLESFKVSFLSALEEYTKKLN-NH ₂
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

RG33 Peptide is a diabetes inhibitor that significantly improves glucose clearance in insulin-resistant mice. RG33 Peptide effectively solubilizes lipid vesicles and promotes cholesterol efflux in cultured macrophages. RG33 Peptide is used in research into type 2 diabetes (T2D)^[1].

REFERENCES

[1]. Edmunds SJ, et al. A short peptide of the C-terminal class Y helices of apolipoprotein A-I has preserved functions in cholesterol efflux and in vivo metabolic control. *Sci Rep.* 2020 Oct 22;10(1):18070.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA