

Oxyntomodulin (human, mouse, rat)

Cat. No.:	HY-P4796	
CAS No.:	159002-68-3	
Molecular Formula:	C ₁₉₂ H ₂₉₅ N ₆₁ O ₆₀ S	
Molecular Weight:	4449.83	HSQGTFTSDYSKYLDSRRAQDFVQWLMNTKRNRRNIA
Sequence:	His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-Lys-Arg-Asn-Arg-Asn-Asn-Ile-Ala	
Sequence Shortening:	HSQGTFTSDYSKYLDSRRAQDFVQWLMNTKRNRRNIA	
Target:	Others	
Pathway:	Others	
Storage:	Sealed storage, away from moisture	
	Powder	-80°C 2 years -20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)	

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (22.47 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.2247 mL	1.1236 mL	2.2473 mL
5 mM	0.0449 mL	0.2247 mL	0.4495 mL
10 mM	0.0225 mL	0.1124 mL	0.2247 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Oxyntomodulin (human, mouse, rat) (Proglucagon (33-69)) is a product of the glucagon precursor. Oxyntomodulin (human, mouse, rat) contains the entire glucagon sequence plus a C-terminal octapeptide, comprising in total 37 amino acids.

REFERENCES

[1]. Holst JJ, et al. Oxyntomodulin: Actions and role in diabetes. Peptides. 2018 Feb;100:48-53.

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

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