9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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OXM Porcine

Oxyntomodulin Porcine Recombinant
HRM0079

Product Overview

Name	OXM Porcine

Description

Oxyntomodulin Porcine Recombinant

Introduction

OXM a 37 amino acid peptide which contains the glucagon sequence extended by a C-terminal basic octapeptide, its primary structure is identical in all mammals except in pig and cattle. OXM is released from the gut during digestion, together with glicentin another octapeptide containing molecule. It is considered as a putative physiological regulator of gastric acid secretion, it inhibits histamine.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a concentrated (1mg/ml) solution in water containing no additives.

Stability

Lyophilized Oxyntomodulin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution OXM should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Amino acid 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-Lys-Asn-Asn-Ile-Ala.

Solubility

It is recommended to reconstitute the lyophilized Oxyntomodulin in 20mM acetic acid.

Precautions

OXM Porcine is for research use only and not for use in diagnostic or therapeutic procedures.

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