

Recombinant Porcine Oxyntomodulin (OXM)

Cat. No.: AP7F549

Product Type: Animal Proteins

Size: 50 µg; 1 mg

Product Overview

BioVenic's Recombinant Porcine Oxyntomodulin (OXM) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 4.4 kDa. The purity is >99% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Purity	>99% (SDS-PAGE)
Predicted Molecular Weight	4.4 kDa
Physical State	Lyophilized

Target Information

Oxyntomodulin (OXM) is a naturally occurring peptide hormone composed of 37 amino acids, primarily found in the colon and produced by the oxyntic (fundic) cells within the mucosa of the stomach. Oxyntomodulin plays a significant role in reducing food intake and inhibits gastric emptying in humans. By suppressing gastric emptying, it may increase gastric distension, which contributes to the sensation of fullness and satiety.

Protein	Porcine Oxyntomodulin (OXM)
Protein Synonym	Oxyntomodulin; OXM
UniProt ID	P01274

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store at -20°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 20 mM acetic acid. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.