

Oxyntomodulin Porcine Recombinant

Item Number rAP-2551

Synonyms

Description Oxyntomodulin Porcine Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 37 amino acids and having a molecular mass of 4420.86 Dalton. The OXM is purified by proprietary chromatographic techniques.

Uniprot Accesion Number

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.

Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered White lyophilized (freeze-dried) powder. 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.

Formulation and Purity Lyophilized from a concentrated (1mg/ml) solution in water containing no additives. Greater than 99.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Application

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

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**