

Xenin Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350429

Unit: 1 mg

Description:

Xenin is a peptide derived from the alpha-coat protein (alpha-COP) after processing. It binds to the neurotensin receptor in the gut and also stimulates exocrine pancreatic secretion. Xenin inhibits pentagastrin-stimulated secretion of acid, to induce exocrine pancreatic secretion and to affect small and large intestinal motility. Xenin is found in gastric, duodenal and jejunal mucosa, and is released into the blood circulation after a meal.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Xenin; Xenopsin-related peptide; Coatomer subunit alpha; Alpha-coat protein; Alpha-COP; HEPCOP; HEP-COP; COPA; Proxenin

Accession No.: P53621

MW: 2971.63 g/mol

Sequence: Human: H-Met-Leu-Thr-Lys-Phe-Glu-Thr-Lys-Ser-Ala-Arg-Val-Lys-Gly-Leu-Ser-Phe-His-Pro-Lys-Arg-Pro-Trp-Ile-Leu-OH or H-MLTKFETKSARVKGLSFHPKRPWIL-OH

Composition: C₁₃₉H₂₂₄N₃₈O₃₂S₁

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.