

Native Porcine Mucin Type III protein

Cat. No. Mucin-313 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Porcine Mucin Type III protein purified from Porcine Stomach. CAS Number 84082-64-4, bound sialic acid 0.5-1.5 %
Species	Porcine
Source	Porcine stomach
Description	Mucins or mucus glycoproteins are the main macromolecular components of mammalian mucus. It was also used in a study to evaluate the sputum smears concentrated by cyto-centrifugation for detection of acid-fast bacilli. Mucus forms the protective cover for all epithelial surfaces. The major structural component of mucus is gel-forming mucins. The mucus layer covering the intestinal epithelium has the MUC2 mucin as its central molecule. MUC2 is produced by goblet cells.
Form	Partially purified powder
Applications	Mucin from porcine stomach was used in studies on the binding site of the galactose-specific agglutinin PA-IL from <i>Pseudomonas aeruginosa</i> .
Notes	Prepared according to the method of Glenister, et al., for use in complex growth media for dental plaque bacteria.
Storage	2-8 centigrade
Reconstitution	NaOH: soluble 20 mg/mL

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