

Native Porcine Mucin Type II protein

Cat. No. Mucin-312 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Porcine Mucin Type II protein purified from Porcine Stomach. CAS Number 84082-64-4, bound sialic acid, ~1%.
Species	Porcine
Source	Porcine Stomach
Description	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. 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.
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> .
Storage	2-8 centigrade
Reconstitution	1 M NaOH: soluble 20 mg/mL

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