

Native Bovine Mucin Protein

Cat. No. MUC19-185B **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Bovine
Source	Bovine Submaxillary Gland
CAS number	84195-52-8
Form	White to Light Brown Powder
Unit Definition	One unit of neuraminidase will liberate 1.0 micromole of N-acetylneuraminic acid (NANA) from bovine submaxillary mucin per minute at pH 5.0 at 37 °C.
Characteristic	Sialic Acids-Bound, 9 - 17 %; Sialic Acid-Free, < 2.5 %.Substrates: Neuraminidase substrate.
Applications	Mucin from bovine submaxillary glands has been used in a study to investigate a galactose-specific lectin from the red marine alga Ptilota filicina. Mucin from bovine submaxillary glands has also been used in a study to investigate the characterization of a unique mucin-like glycoprotein secreted by a human endometrial adenocarcinoma cell line.
Storage	Store at -20 °C.

GENE INFORMATION

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Gene Name	MUC19 mucin 19, oligomeric [Bos taurus (cattle)]
Official Symbol	MUC19
Synonyms	BSM

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