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32-9145: Recombinant Human Mucin-1 (C-hFc)

Alternative Name :	Mucin-1; MUC-1; Breast carcinoma-associated antigen DF3; Cancer antigen 15-3; CA 15-3;Carcinoma-associated mucin; Episialin; H23AG; Krebs von den Lungen-6; KL-6; PEMT; Peanut-reactive urinary mucin; PUM; Polymorphic epithelial mucin; PEM; Tumor-associated epithelial membrane antigen; EMA; Tumor-associated mucin; CD227; MUC1

Description

Source : Human 293 Cells;
Mucin-1 (MUC1) is a membrane-bound protein that belongs to the mucin family. MUC1 is a glycoprotein with extensive O-linked glycosylation of its extracellular domain. It is expressed on the apical surface of epithelial cells that line the mucosal surfaces of various tissues including lung, breast stomach and pancreas. MUC1 plays an important role in forming protective mucous barriers on epithelial surfaces. It is also involved in intracellular signaling. MUC-1 promotes tumor progression and regulates TP53-mediated transcription and determines cell fate in the genotoxic stress response. Overexpression of MUC1 is often associated with colon, breast, ovarian, lung and pancreatic cancers.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of PBS, pH7.4

Amino Acid : Recombinant Human Mucin-1 is produced by our Mammalian expression system and the target gene encoding Ser33-Gly167 is expressed with a Fc tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.