Active Native Human MUC1

Cat. No. MUC1-376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MUC1 was purified from Human Ascites Fluid
Species	Human
Source	Human Ascites Fluid
Description	Cancer Antigen 15-3 (CA 15-3) is used as a tumor marker to monitor a patients response to breast cancer treatment and to watch for breast cancer recurrence.
Form	Liquid in phosphate buffered saline, pH 7.4, with 0.05% sodium azide.
Bio-activity	> 5,000 IU/mL (ELISA)
Purity	Control Grade
Applications	Diagnostic Controls, Calibrators & Standards; Immunoassays; Clinical Chemistry; Testing/Assay Validation; Life Science; Manufacturing; Tumor Markers
Storage	Store at -20°C

GENE INFORMATION

Gene Name	MUC1 mucin 1, cell surface associated [Homo sapiens]
Official Symbol	MUC1

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Synonyms	EMA; MCD; PEM; PUM; KL-6; MAM6; MCKD; PEMT; CD227; H23AG; MCKD1; MUC-1; ADMCKD; ADMCKD1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC; mucin-1; DF3 antigen; H23 antigen; Medullary cystic kidney disease, autosomal dominant; breast carcinoma-associated antigen DF3; cancer antigen 15-3; carcinoma-associated mucin; episialin; krebs von den Lungen-6; mucin 1, transmembrane; peanut-reactive urinary mucin; polymorphic epithelial mucin; tumor associated epithelial mucin; tumor-associated epithelial membrane antigen
Gene ID	4582
mRNA Refseq	NM_001018016
Protein Refseq	NP_001018016
MIM	158340
UniProt ID	P15941
Chromosome Location	1q21
Pathway	IL-7 Signaling Pathway, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; O-linked glycosylation, organism-specific biosystem
Function	p53 binding; protein binding; transcription cofactor activity

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