

Human Cancer Antigen CA15-3 (Breast Cancer) Calibrator Grade

Cat. No. CDA003 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Source	Human
Description	CA15-3 is a tumor marker used to monitor certain cancers, especially breast cancer. Elevated CA15-3, in conjunction with alkaline phosphatase, was shown to improve chances of early recurrence in breast cancer.
Format	Calibrator grade, Liquid
Purification	High Speed Centrifugation, Salt precipitation, delipidization
Concentration	Specific Protein: 11, 5 KUnits/ml (Roche ELICA)
Buffer	PBS, pH 7.4 ± 0.2
preservative	0.1% Sodium azide
Applications	Specific methodologies have not been tested using this product.
Storage	Short-term store at 2-8°C. Long term store at -20°C. Avoid multiple/freeze thaw cycles.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in

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European Directive 67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

GENE INFORMATION

Gene Name	MUC1
Synonyms	mucin 1, cell surface associated; EMA; PEM; PUM; MAM6; PEMT; CD227; H23AG; MUC-1/X; MUC1/ZD; MUC-1/SEC; episialin; DF3 antigen; H23 antigen; MUC1 isoform T10; MUC1 isoform T11; MUC1 isoform T12; MUC1 isoform T13; OTTHUMP00000033787; OTTHUMP00000033790; OTTHUMP00000033795; mucin 1, transmembrane; polymorphic epithelial mucin; peanut-reactive urinary mucin; tumor associated epithelial mucin; breast carcinoma-associated antigen DF3; MUC1_HUMAN; MUC-1; episialin; CD227 antigen; Tumor-associated epithelial membrane antigen; Tumor-associated mucin; mucin 1, transmembrane; tumor associated epithelial mucin.
Gene ID	4582
mRNA Refseq	NM_001018016
Protein Refseq	NP_001018016
MIM	158340
UniProt ID	P15941
Chromosome Location	1q21

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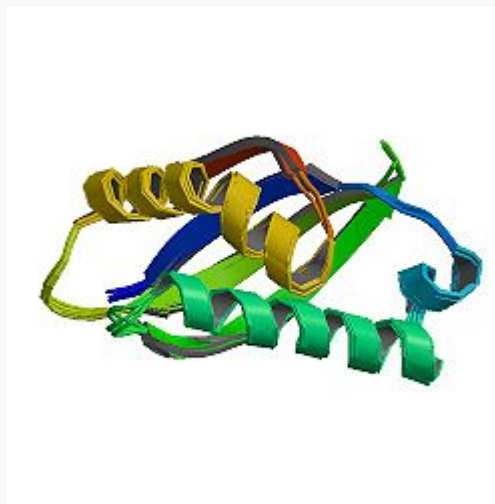
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Function

hormone activity

PDBrendering based
on 1y8x. Available
structures:1y8x,2nvv



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