

## Product datasheet for **AR00028PU-N**

### CA 19-9 Human Protein

#### Product data:

Product Type:	Native Proteins
Description:	CA 19-9 human protein, 50 kU
Species:	Human
Protein Source:	Cell culture
Concentration:	lot specific
Purity:	Relative purity ratio: 281,897 Units/ml/OD280nm.
Buffer:	Presentation State: Purified State: Liquid (0.2 $\mu$ m filtered) purified protein Buffer System: PBS, pH 7.4 $\pm$ 0.02 containing 0.09% Sodium Azide as preservative.
Bioactivity:	Specific: 93,380 Units/ml (Centocor RIA 19-9 Assay)
Preparation:	Liquid (0.2 $\mu$ m filtered) purified protein
Protein Description:	Human Cancer Antigen CA19-9 (Gastrointestinal Cancer) Antigen Grade. <b>Known contaminants:</b> 65 Units/ml (< 1%) Centocor CA125 RIA Assay.
Note:	Caution: The human cell line supernatant tested negative for HIV 1&2 Ab, HIV Ag, HBsAg and HCV Ab. Because no test will guarantee a sample to be non-infective, all material derived from human fluids or tissues should be considered as potentially infectious.
Storage:	Store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Locus ID:	109864281
Cytogenetics:	21p11.2
Synonyms:	CA19-9, Sialosyl Lewis a, Sialyl Lewis a



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**Summary:**

45S ribosomal DNA (rDNA) arrays, or clusters, are present on human chromosomes 13, 14, 15, 21 and 22, designated RNR1 through RNR5, respectively. Each cluster consists of multiple 45S rDNA repeat units that vary in number among individuals and chromosomes, with total diploid copy number estimates ranging from 60 to >800 repeat units in a human genome. The 45S rDNA repeat unit encodes a 45S rRNA precursor, transcribed by RNA polymerase I, which is processed to form the 18S, 5.8S and 28S rRNAs. This gene represents a copy of the 5.8S ribosomal RNA on chromosome 21. [provided by RefSeq, Mar 2017]