

Product datasheet for BA1026

Cyfra-21-1 Human Protein

Product data:

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| Product Type: | Native Proteins |
| Description: | Cyfra-21-1 human protein, 50 µg |
| Species: | Human |
| Protein Source: | Cell culture |
| Concentration: | lot specific |
| Purity: | Ion Exchange Chromatography |
| Buffer: | Presentation State: Purified State: Calibrator grade, liquid (0.2µm filtered) Buffer System: PBS, pH 7.4 without preservatives |
| Preparation: | Calibrator grade, liquid (0.2µm filtered) |
| Protein Description: | Cyfra-21-1 Antigen Cyfra-21-1, Cytokeratin 19 Fragment, Low Cross-reactivity (LCR) Calibrator grade. Known Contaminants: Elecsys CA125 Assay = 875,3 Units/ml (1.1%) Elecsys CA15-3 Assay = 6.23 Units/ml (< 0.01%) Elecsys CA19-9 Assay = 2.92 Units/ml (< 0.01%). |
| Note: | Caution: Cell line supernatant has tested negative for HIV1, HIV2, HCV antibodies, HBsAg and HIV Ag. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious. |
| Storage: | Store 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: | RNA5-8N2 |
| 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] |



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