

Product datasheet for BA345

Human IgG2 (kappa chain) Human Protein

Product data:

Product Type:	Native Proteins
Description:	Human IgG2 (kappa chain) human protein, 1 mg
Species:	Human
Protein Source:	Myeloma
Concentration:	lot specific
Purity:	>95% pure by SDS-PAGE. Single arc by IEP against antisera to whole human serum and human kappa free and bound light chain. The heavy chain of myeloma IgG may appear as either a single or double band on gel electrophoresis.
Buffer:	Presentation State: Purified State: Liquid purified protein. Buffer System: 20 mM Phosphate buffer, 150 mM NaCl (PBS), pH 7.4 with 0.05% Sodium Azide as preservative.
Preparation:	Liquid purified protein.
Protein Description:	Human Myeloma Immunoglobulin G2 (IgG2), Kappa Light Chain.
Note:	Caution: All human source materials have tested non-reactive for HBsAg, anti-HCV and anti-HBc and negative for anti-HIV1 and HIV2 by FDA required tests. 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 the antigen (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Locus ID:	109864281
Cytogenetics:	21p11.2
Synonyms:	RNA5-8N2



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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]