

Product datasheet for **AR00088PU-N**

Human IgA1 (lambda) Human Protein

Product data:

Product Type:	Native Proteins
Description:	Human IgA1 lambda human protein, 5 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, human IgA1 and human lambda. Not Immunoreactive to antisera to human IgA2, IgG, IgD, IgE, IgM and kappa by IEP.
Buffer:	Presentation State: Purified State: Liquid purified protein. Buffer System: 10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.4 containing 0.05% Sodium Azide as preservative
Preparation:	Liquid purified protein.
Protein Description:	Purified Human Myeloma IgA1 Lambda.
Note:	IgA myeloma proteins are usually heterogeneous with respect to their molecular weight. This preparation may contain both monomeric and polymeric forms of IgA1. Caution: Source material supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis with FDA approved test kits. All units were found to be non-reactive/negative for these tests. Nevertheless, all products from human sources should be handled as potentially infectious.
Storage:	Store the protein at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Locus ID:	109864281
Cytogenetics:	21p11.2
Synonyms:	Human Immunoglobulin A1



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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]